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PROVISIONER

Volume 112

JANUARY 20, 1945

Number 3

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Published weekly at 407 So. Dearborn St., Chicago (5), Ill., U. S. A. by The National Provisioner, Inc. Yearly subscriptions: U. S., \$4.50, Canada, \$6.50, Foreign countries, \$6.50. Single capies, 25 cents. Capyright 1945 by The National Provisioner, Inc. Trade Mark registered in U. S. Patent Office, Entered as second-class matter October 9, 1919, at the Post Office at Chicago, Ill., under the act of March 3, 1879.

ADVERTISING DEPARTMENT

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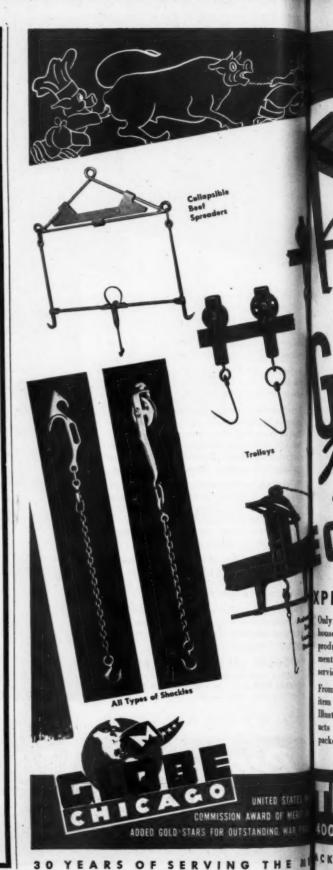
E. T. NOLAN, Editor

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PUBLISHED BY THE NATIONAL PROVISIONER, INC.

THOS. McERLEAN, Chairman of the Board • LESTER I. NORTON,
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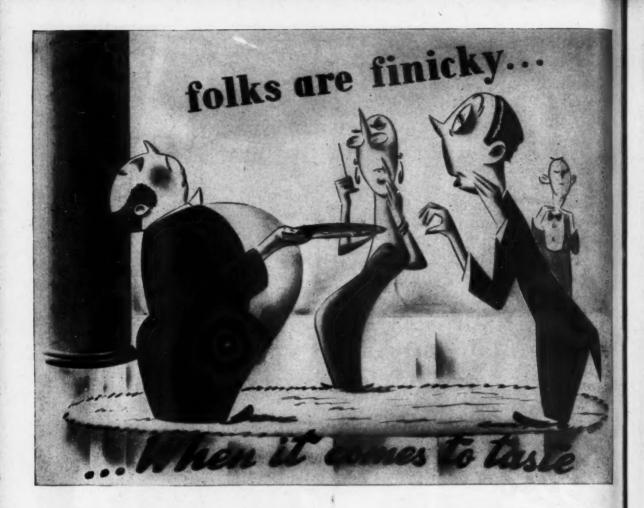
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People shop around these days till they find a food they like. They'll try anything once, and if they like it, they'll try it again. If you've pleased them with the flavor of your products, take every precaution you can to be sure that taste is always the same—that it doesn't vary from batch to batch.

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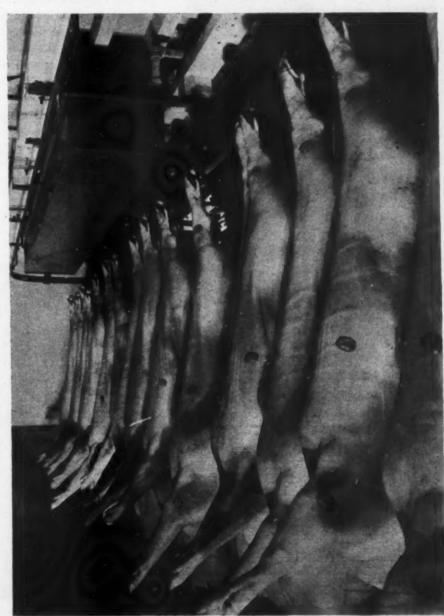
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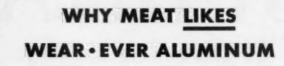
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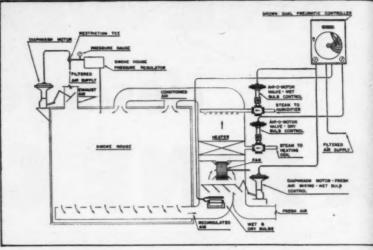


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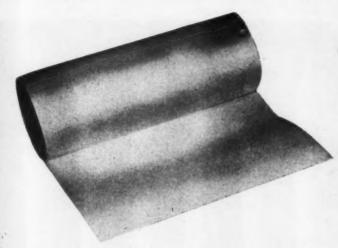
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Set-Aside Order on Lard Issued; Back on Point List

Despite the fact that CCC purchases of lard in the last week of January were at a much lower rate than that at which the government could have bought under the informal WFA priority order reserving 50 per cent of output, the War Food Administration this weekend issued Amendment 6 to WFO 75.3, effective January 22, directing all federally inspected packers to set aside lard equal to 7.5 per cent of the total live weight of hogs slaughtered each week.

At the same time, the Office of Price Administration ordered all retail sales of lard frozen for three days, beginning January 19, and announced that lard and rendered pork fat would be rationed starting January 22, with a value of 2 points per pound. The freeze order and resumption of rationing control apply also to other shortenings and salad and cooking oils. These fats and oils will have the same point value as lard.

The freeze order applies only to sales at the retailer-consumer level and transactions in lard between retailers, wholesalers and primary distributors may continue during the freeze period under conditions laid down by OPA. These are:

 Primary distributors may not sell to consumers during the freeze period but may sell to retailers at 2 points and may sell to wholesalers and industrial and institutional users point-free until January 28.

2.—Wholesalers may not sell to consumers during the freeze but may sell to retailers at 2 points and may sell to industrial and institutional users pointfree until January 28; they may also buy from other wholesalers and primary distributors point-free until that date.

3.—Institutional and industrial users may buy point-free up to January 28 except from retailers.

4.—Retailers may buy lard at 2 points per pound during and after the freeze period.

5.—After January 28, all transfers will be on a point basis.

Although full information is not available, retailers, wholesalers and primary distributors will be well-advised to determine their inventories as of January 19. It is understood that all point-free transfers during the freeze and Post-freeze period must be reported to OPA.

WFA estimates that its new order would require about 60 per cent of total

RETAIL CEILINGS AMENDED; LIMIT SALES TO PURVEYORS

New retail ceiling prices were established and old ones were adjusted this weekend by OPA in Amendment 21 to MPR 355, Amendment 10 to MPR 394 and Amendment 18 to MPR 336, all effective January 26. Retail-cents-perpound maximums have been established on kosher and non-kosher cooked corned beef briskets in the first two amendments. These also permit retailers to fill telephone orders for ground, boned and rolled or cubed meat upon filing an application.

MPR 336 was changed by reducing retail ceiling prices on smoked pork loins and loin cuts. Retail maximums were set up for cappicola in artificial casings and country backbone.

All of the retail ceiling amendments include a provision prohibiting retailers from selling to purveyors of meals more than 20 per cent of their dollar volume of all meats sold to all classes of consumers in 1944. The exception is the retailer who sold more than 20 per cent of his dollar volume of all meats to purveyors of meals during any threemonth period of 1942. Such a retailer may be authorized to sell not more than the amount sold in a corresponding 1942 period.

MEAT PACKING "CRITICAL" IN WMC INDUCTION GUIDE

Meat packing and slaughtering was listed as a critical industry, while all other food processing industries—with the exception of dairy products, eggs and sugar—were listed merely as "essential" this week in the list of essential and critical activities issued by the War Manpower Commission. The list will be used as a guide by Selective Service in the induction of men in the 26 through 29 age group.

Packers may, where necessary, bring this classification of their activities to the attention of draft boards since it should be helpful in obtaining deferment of employes in the 26 through 29 age group. It may also be helpful in the case of any employe of 30 years or more who is about to be inducted.

federally inspected production of lard to be reserved for government purchases (or about 40 per cent of total production of lard in the U. S.). This would be true on the basis of the November average for lard yield of 12.2 lbs. per 100 lbs. live weight (29.2 lbs. per animal) with average hog weight at 238.2 lbs. However, packers point out that the lard yield per hog has been

(Continued on page 33.)

MEAT INDUSTRY GROUP CANCELS CONVENTION; OTHERS ARE DOUBTFUL

The status of the 1945 conventions of meat industry associations was uncertain this week pending some indication of government views with respect to the essentiality of such meetings.

The National Association of Non-Slaughtering Meat Processors and Wholesalers, which had planned to hold its annual convention in Chicago on February 17, announced this week that the meeting had been cancelled. However, the organization's board of directors will meet on that day at the Stevens hotel in Chicago.

The National Independent Meat Packers Association is understood to have applied to the war committee on conventions for permission to hold its annual meeting, as scheduled, in Chicago on April 18, 19 and 20.

A prominent official of the Association of Trade Association Executives said this week that most industry organizations appear to have adopted the policy of deferring their meetings until restrictions are lifted. He pointed out that there is ample time for decision on conventions tentatively scheduled for later in the year since the war committee on conventions has asked that applications not be filed more than six months in advance of the meeting date.

Col. J. Monroe Johnson, director of the Office of Defense Transportation and chairman of the government committee, said this week that organizations planning to hold conventions, conferences, trade shows or group meetings of more than 50 persons after February 1 "will have to show how the war effort would suffer if the meetings were not held."

In applying to the committee for permission to hold a meeting, the organization must supply the following information:

Whether the planned meeting is a convention, conference, trade show, or government meeting; the date and location of the proposed meeting and name of hotels or other facilities that will be used; attendance planned; previous frequency of meetings; location and attendance of last previous meeting; average attendance at similar meetings before the war and during the war: from what area those attending are drawn; what steps have already been taken to curtail attendance; why the objectives of the meeting cannot be attained through "conventions by mail"; why a group of 50 or less to whom powers are delegated cannot transact the necessary affairs of the organization and in what way and to what extent the war effort would suffer if meeting were not held.



By R. ASHLEY CRANDALL Associate Editor, The National Provisioner

UNITED EFFORTS OF QMC, PACKERS PRODUCE BETTER

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N COMBAT rations issued American fighting forces throughout the world, the importance of meat as a weapon of war is being tacitly underscored by the Army Quartermaster Corps. As a result, the age-old plaint of the doughboy, "Beans, beans, nothing but beans," has become a forgotten echo in the modern United States Army. Today, as our troops move into forward combat areas in all theatres of war, they carry with them a nutritious, balanced ration as varied as it is appetizing, whether eaten hot or cold. Backbone of

their fare is meat, combining such tasty dishes as pork and rice, meat balls and spaghetti, meat and noodles, and ham and eggs.

Evolution of Army combat rations to their present status of palatability and variety has not come about through lucky happenstance, nor did it take place overnight. It is instead the outgrowth of persistent experimentation and scientific research by the Army Quartermaster Corps, backed by an effective liaison with the food processing industry. Playing a leading role among this latter group have been innumerable meat plants in all sections of the country.

Theirs has been one of the most crucial home front battles of the war, growing progressively in importance as more and more millions of troops take their place on the firing line. To say that this home front struggle has already been won is to write prematurely the final chapter of a story that is still unfolding. The men of the Army Quartermaster Corps, and more particularly of the Subsistence Research and Development Laboratory of the Chicago Quartermaster Depot, together with their allies in the meat packing industry, have made remarkable strides in improving Army combat rations since the United States entered the war.



CANNED MEAT AUTHORITY

Capt. Woodrow W. Bailey, QMC, head of the research laboratory's animal products branch, samples ham and lima beans, and frankfurters and beans,

Even so, their quest for better and more palatable rations goes on uninterrupted as it will until the war is won.

RATIONS

One of the most notable strides made thus far has been in the improvement of Ration, Type C, one of the Army's basic combat fares. This ration was originally designed as an emergency food, to be eaten exclusively for only two or three days at a time. Its mes components were in threefold combination: meat and beans, meat and vege table hash, and vegetable stew and meat. The meat (canner and cutter grade) was put through a % in. plate, braising down to about 1/2 in. A hungry man in the field might find this unvarying menu satisfactory for a couple of days; after that it grew monotone

As ground fighting increased in scope and intensity, tactical situations developed where units were pinned down for 60 and 90 days at a time. Because d enemy fire, it was often impossible to bring in additional food supplies or up field kitchens. So the men lived on rations-continuously, exclusively, and none too contentedly.

To alleviate this situation, the QMC Subsistence Research and Developme Laboratory went into action. One of



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20, 1945

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Lieut. Joseph N. Czarnecki, QMC, inspects meat components of typical daily Ten-in-One Ration: pork sausage links, cheese with minced ham, and ham with candied sweet potatoes.

the first moves was to get in touch with a representative group of meat packers to whom the laboratory outlined its needs and offered some tentative suggestions.

Fundamentally, what was wanted was an expanded menu of greatly increased palatability. Unless a soldier enjoys his food, he'll eat sparingly, the Quartermaster Corps points out. And unconsumed proteins, calories and vitamins never won a battle. For this reason, a ration must taste g-o-o-d if it is to go in the Army mess kit.

Of course, there were other stipulations. The ration must lend itself to volume production, and be composed of raw materials in ample supply. It must be capable of withstanding widely varied climatic conditions, since it would be stored and eaten in all parts of the globe, from the tropical South Pacific to the frigid Aleutians. And it must be nutritious.

Reconstituting Method

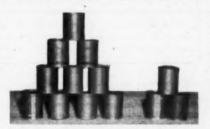
Although it was a demanding assignment, the meat packing industry responded "on the double." Within a few weeks the Chicago Quartermaster Depot was flooded with sample products. That was where their part of the job took on added import. When a formula looked promising, sample batches were made in the laboratory and all possible defects ironed out before the specifications were written. Each product had to be thoroughly analyzed from many standpoints, its advantages and disadvantages (if any), weighed, and occasional changes made in ingredients and formulas before a final determination could be made.

Upon the shoulders of five men fell the brunt of this task. The quintet, from the QMC Subsistence Research and Development Laboratory of the Chicago Quartermaster Depot, comprises a "screening" board whose multiple duties include the acceptance or

rejection of meat rations submitted for Army consideration. Their composite knowledge of meat and meat products is substantial and, equally important, they know what food combinations will best suit the troops.

Synchronizing the efforts of this group is Capt. Woodrow W. Bailey, QMC, who majored in animal husbandry at Texas A. & M. College. For three years following his graduation he managed a packing and canning plant for the Texas prison system, returning to Texas A. & M. in 1940 as an instructor in animal husbandry where he was also in charge of the school's commercial frozen food locker plant. His Army career began in 1942 when, after a short period of active duty at Fort Benning, Ga., he came to the subsistence research laboratory in Chicago where he is now head of the animal products branch. About a year ago he toured the South Pacific war theater to study at first hand the problem of feeding troops in that area.

Veteran of the group is Col. J. H. White, retired, who is assistant director of the laboratory and second in authority to Col. Rohland A. Isker, officer in



NEW AND OLD C RATION

How Ration C has been expanded. Ten varieties of meat dishes, as shown at left, now comprise ration, affording wide menu variations. Old Ration C was limited to three cans, as indicated at right.

charge of the entire laboratory. Col. White at one time served as a meat inspector for the Bureau of Animal Industry, U. S. Department of Agriculture, coming to the Army in 1920 as a technical expert on meat products. He is credited with being the motivating force behind the development of Army frozen boneless beef and sterile luncheon meats, and materially assisted in

perfecting the familiar Type D Ration.

Another important member of this board is Lieut. Joseph N. Czarnecki, QMC, a canned meat specialist. Lieut. Czarnecki was graduated from Northwestern University In 1939, and was later employed by Wilson & Co. where he specialized in sausage and canned meat raw materials before entering the Army in 1942. Prior to his assignment to the subsistence laboratory, he was an instructor in an Army school for meat and dairy inspectors at Camp Grant, Ill.

Lieut. Czarnecki's right hand man is B. W. Gardner, jr., a civilian. Gardner, after being graduated from Kansas State University, joined the faculty of the University of Illinois experimental station. He is an expert on both fresh and canned meats, and ranks as a qualified food technologist.

Lieut. John C. Pierce, jr., QMC, the fifth member of the group, is a former instructor in animal husbandry at North Carolina State College. He has been attached to the fresh and cured meat section of the subsistence laboratory in Chicago for slightly over a year.

These five men set about the job of sampling, sifting and segregating the products submitted. It was a mountainous task, but ultimately ten selections were made. It is interesting to note that the rations chosen were not necessarily in the same form as when submitted, certain alterations being made at the suggestion of the "screening" board. The meat for stew and similar dishes, for example, was to be put through a 1½-in. plate instead of ¾ in., as before. This was to give the men something to sink their teeth into. Modifications were also made in the seasonings.

Eight new canned rations emerged, two of the former rations being retained. Thus, from a "three-course" selection, C Ration was expanded to ten, providing sufficient meat combinations for six divergent menus instead of only one. Retained were the old standbys: meat and beans, and meat and vegetable stew. The new additions came in the following forms:

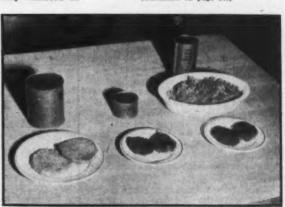
Ham, egg and potatoes; meat and noodles; frankfurters and beans; chicken and vegetables; pork and rice;

(Continued on page 36.)

TEN-IN-ONE MEAT DISHES

Among new meat dishes now included in Tenin-One Ration are the three shown here. (L. to r.): Ham and eggs, hamburgers, and dehydrated corned be ef hash, which can also be served as patties as the photo shows. Dehydrated hash is reconstituted by addition of 1½ times amount of water at time of serving.





Packer Can Aid War Effort by Reducing Plant Coal Consumption — II

BY R. F. STILWELL

Fuel Engineer, North American Coal Corp.

IN MY first article, which appeared in The NATIONAL PROVISIONER of January 13, page 14, I made some suggestions for saving coal by more efficient use of high-ash and sulphur fuel, by better storage and through certain suggested repairs.

The Worst Sin Is Low CO₂: Now let's get to the good old subject of low CO₃, sure sign that boiler efficiency is on the rocks. Low CO₃ percentage in the flue gas is common in many industrial plants.

For present purposes, Table 1 gives the total stack loss for various flue temperatures and CO₂ percentages, on the assumption that no CO is produced and that no carbon is lost as coke in the ash, or as soot, or up the stack.

Aside from a water glass and steampressure gage, the most important instruments for any boiler are those that measure flue temperature and analyze gas. Every plant, no matter how small, should have at least a thermometer or pyrometer measuring flue-gas temperature and a hand Orsat for analyzing flue gas. The Orsat spots holes in grates, in the fire, or in the boiler setting. Without it there is no way to determine the correct damper setting and fan speed.

The flue-gas temperature spots leaky baffles, plugged heater or superheater tube banks and dirty boiler tubes.

Increasing Boiler Efficiency

In Table 1, pick the coal most like the one you are using and note the effect of reducing your flue temperature 100 degs. F. Next, try increasing CO, content of the flue gas 2 per cent at the same time. The difference is a direct increase in boiler efficiency. More important, it is a direct saving of coal. If you burn 100 tons of coal per day, at 70 per cent over-all boiler efficiency, you really use only 70 tons; the other 30 tons are wasted. Now if you could increase this boiler efficiency to 75 per cent you would use 75 tons, and waste only 25 tons, or you would save five tons per day.

Such an improvement is possible in a great many plants. You may be able to operate your boiler efficiently without a steam-flow meter or coal scale, as long as you have to pay for coal on railroad or truck weight anyway, but you are only kidding yourself if you try to get along without a periodic checkup on flue-gas temperature and analysis.

Use Meters & Gages: A plant large enough to justify a steam-flow meter

TABLE 1-HEAT LOSS IN FLUE GAS. PERCENT

Including losses with varying amounts of excess air and moisture and hydrogen losses for high- and low-moisture, high-volatile bituminous coal.

Excess Air	CO ₂	Illinois Coal Flue-gas temperature					West Virginia Coal Flue-gas temperature					
%	%	300F	400F	500F	600F	700F	300F	400F	500F	600F	700	
125	8	14.5	19.0	23.0	28.0	33.0	13.5	18.0	22.5	27.0	32.1	
100	9	13.5	18.0	22.0	26.0	30.0	12.5	17.0	21.0	25.0	29.1	
80	10	12.5	16.5	20.0	23.5	27.5	11.5	15.5	19.0	22.5	26.	
65	11	12.0	15.5	18.5	22.5	25.5	11.0	14.5	17.5	21.5	24.4	
50	12	11.5	14.5	17.5	21.0	24.5	10.5	13.5	16.5	20.0	23.	
40	13	11.0	13.5	16.5	20.0	23.0	10.0	12.5	15.5	19.0	22.1	
30	14	10.5	13.0	16.0	19.0	22.0	9.5	12.0	15.0	18.0	21.	
25	15	10.0	12.5	15.5	18.5	21.0	9.0	11.5	14.5	17.5	20.0	
Moisture & h		4.7	4.9	5.1	5.3	5.5	3.7	3.9	4.1	4.3	4.3	

This table assumes all carbon in the coal burned, no CO in the gas and no carbon lost at coke in the ash or as soot. Where the carbon lost in the ash and refuse is under 4% of the total heat loss, this table is accurate within about 2%, assuming absence of CO in the flue ga.

and a means for weighing coal should have them because they often point the way to a saving in steam consumption outside the boiler room, while providing the means for a daily record of various operations.

Another thing every plant should have is draft gages. They aren't expensive. After proper adjustment by an Orsat, they tell the fireman a lot about his fire, slag on tubes, holes in baffles, loose or broken dampers, fan condition, speed, etc.

Coke in the ashpit (when traveling grates or underfeed stokers are used) or in the flyash (when spreader stokers or pulverizers are used) is another serious coal waste which many plants could reduce. First principle is to clean fires when they need it—not by the clock. Obviously, higher ash coals need more frequent cleaning. Fires should be burned down, but periods between clean-

ing should not be too long, or excess in loss will be much greater than that due to coke in the ashpit.

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Yet Table 2 shows that coke loss aren't as serious as those caused by excess air. In terms of total heat is coal, 30 per cent combustible in the abit refuse is relatively small. Good operation usually keeps the combustible below this figure with equipment burning suitable coal at a fairly high rate.

Difficulties with Ashes

When burning a low-fusing ash call too much time between cleaning cause clinkers to stick tightly to grates affurnace walls. Then when the fires are cleaned large lumps of coal fall into the ashpit. Don't pull clinkers off undefeed stoker grates before lifting the dump plates. Keep fires away from sidewalls when possible.

(Continued on page 35.)

TABLE 2—HEAT LOSS DUE TO COMBUSTIBLE IN ASH AND REFUSE, PERCENT

	ILL	inois C	OAL (68	% carb	W. VIRGINIA COAL (79% carbon)					
COAL	stible in refuse			Combustible in refuse						
%	10%	20%	30%	40%	50%	10%	20%	30%	40%	509
.05	0.7	1.5	2.6	4.0	6.0	0.6	1.3	2.3	3.5	5.
.06	0.8	1.8	3.0	4.8	7.2	0.7	1.6	2.7	4.0	6.
.07	0.9	2.1	3.6	5.6	8.4	0.8	1.8	3.2	4.9	7.
.08	1.1	2.4	4.1	6.4	9.6	0.9	2.1	3.6	5.6	8.
.09	1.2	2.7	4.7	7.2	10.8	1.0	2,4	4.0	6.3	9.
.10	1.3	3.0	5.1	8.0	12.0	1.2	2.6	4.5	7.0	10.

Minor Changes Mark Wilson & Co. Report for '44 Fiscal Year

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ONLY minor changes in gross dollar sales and net earnings for the fiscal year ending October 28, 1944, as compared with the preceding fiscal year, marked the annual Wilson & Co., Inc.,

report to stockholders. The report discloses that dollar sales increased slightly over those of 1943, amounting to \$532,561,322 compared with \$532,-430,727 a year earlier, an upturn of \$130,595. Net earnings slipped from \$7,403,182 in 1943 to \$7,353,791 last year, a decline of \$49,391. In both in-



amounted to less than 1 per cent.

Earnings were equal to \$2.71 per share on common stock against \$2.73 the previous year, Edward Foss Wilson, president, told stockholders in the report. The slight increase in dollar sales. he pointed out, was sufficient to raise the total to the highest point in company history. Operating income increased \$1,937,063 (11.0 per cent), but "after income deductions and provisions for greatly increased income taxes" net earnings were off from the preceding year, amounting to only 1.38 per cent of sales. Operating income amounted to \$19,573,019 compared with 17,635,-956 in 1943.

Dividend Payments

Dividends of \$2,908,512, equal to \$9 per share, were paid on the \$6 cumulative preferred stock during the last fiscal year. The payments included arrears of \$3 per share on preferred stock on October 30, 1943, thereby paying all dividend arrearages on the stock. The concern's balance sheet, as of October 30, 1944, showed total assets of \$121,450,581 compared with \$134,-350,875 a year earlier. Total current assets were \$72,840,351 against \$88,-372,583 the previous year, with the latest report showing cash assets as \$15,087,101 compared with \$14,385,915

Referring to the "last-in, first-out" principle of inventory evaluation of pork products used by the company, it was explained that this method "is subject to modification under general regulations recently issued by the Treasury Department. We are now awaiting instructions to be issued by the Treasury Department covering the specific application of the regulations to pork products before making any change in the procedure followed in mexicus years."

At the close of the last fiscal year,

WILSON & CO.—CONSOLIDATED STATEMENT OF INCOME AND **EARNED SURPLUS**

PISCAL YEAR ENDED OCTORED 98 1944

FISCAL TEAR ENDED OUTOBER 28, 1944		
Net sales and operating revenues. Cost of sales and operating expenses (exclusive of expenses deducted below).		\$332,561,322 477,143,000
Selling, general and administrative expenses	0,636,201 1,961,797 3,247,305	\$ 55,418,822 35,845,500
Operating income	-	\$ 19,578,019
OTHER INCOME:		
Dividends and interest on miscellaneous securities and miscellaneous other income	236,357 439,129 12,301	687,787
	-	\$ 20,260,806
INCOME DEDUCTIONS:		
Interest and amortisation of debt discount and expense on first mortgage 3% bonds Other interest Premium on first mortgage 3% bonds purchased for sinking fund. Provision for renegotiation of prior fiscal years' war contracts (net of taxes). Reserve provided against foreign government securities and claims. Miscellaneous income deductions.	619,911 287,293 9,198 41,496 69,041 51,606	1.078,545
Provision for U. S. and foreign income and excess profits taxes (after deducting estimated post-war excess profits tax refund of \$295,000 and debt retirement credit of \$720,000).		\$ 19,182,261 11,750,000
Minority interest in net income of subsidiaries		\$ 7,432,261 78,470
Net earnings Earned surplus at October 30, 1943		\$ 7,853,791 27,119,248
DEDUCATI.		\$ 34,473,034
DEDUCT: Dividends of \$9.00 per share on \$6.00 cumulative preferred stock\$ Adjustments applicable to prior fiscal years arising from replacement of "last-in, first-out" inventories (act of taxes)		8,251,626
Earned surplus at October 28, 1944		\$ 31,221,408

the company's inventories were valued at \$30,600,010. The report described inventories as covering "packinghouse products valued on the basis of market, less allowance for selling and distribution expenses, other products and supplies at the lower of cost or market, except for certain packinghouse and other products valued at cost on the basis of 'last-in, first-out.'

"Government regulations, and changes in them, continued throughout the year to be a major problem of our industry," Wilson said. "They resulted in much misunderstanding and confusion on the part of producers and consumers. So-called subsidy payments to packers on livestock processing are widely misunderstood, especially since they have been changed, rearranged and used for purposes of control unrelated to their original purpose, as, for example, in the cattle price stabilization program of December, 1943.

"These payments were instituted in June, 1943, so that livestock prices would not be reduced when retail and wholesale meat prices were currently decreased for the purpose of reducing and stabilizing the cost of food to consumers. There has been no advantage or gain to the meat packer from this program. In fact, subsidy payments on cattle processing have been so changed that an individual packer, depending upon his type of beef operation, may not actually be compensated by these government payments for the rollback in beef prices. Since our company received these subsidy payments because of reduced selling prices, such payments

(Continued on page 38.)

FOOD PURVEYORS TOLD OF NO- AND LOW-POINT MEATS

The American Meat Institute department of public relations is distributing a list of no-point, low-point meat items to more than 14,000 restaurants (including the 5,500 members of the National Restaurant Association), hotels and railway dining car superintendents.

The purpose of distributing this list is to suggest to buyers of meat for public eating places of all descriptions that even in the face of reduced civilian supplies of many meats and meat products, there are others which, because they no-point or low-point values, should permit meat dishes to be offered to the public on all menus. Experience in the past has shown that many buyers of meat for public eating places were not fully aware of the many items that could be had for no points or low points. Revised lists will be furnished by the AMI as point values change.

STEP UP BEEF VOLUME

Officials of Tovrea Packing Co., Phoenix, Ariz., said last week that they planned to double the company's output of boned beef for the armed forces within the next week, through the addition of skilled workers recruited locally by the WMC and increase of the plant working day from 8 to 10 hours.

The production increase by the company is being made in answer to an Army request for 300,000 lbs. of frozen boneless beef per week from the Tovrea Out with the old In with the new"

PACKAGING



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DANIELS help solve packaging problems of

PACKAGING SERVICE

LS Manufacturing Company RHINELANDER, WISCONSIN

Amendment Cuts Some Ceilings on Pork; Makes Changes in RMPR 148

AXIMUM wholesale prices of regular smoked loins (under 10 lbs.) and green or frozen rough shoulders were reduced this week in Amendment 19 to RMPR 148, the Office of Price Administration reported. These reductions, and other changes in RMPR 148, will become effective on January 22.

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Changes in the regulation include:

1.—The maximum price in the base zone for regular smoked loins weighing under 10 lbs. is reduced from \$28.50 to \$27.50 per cwt.

2.—The maximum price in the base zone for green or frozen rough shoulders (neckbone in) is reduced from \$19.75 to \$19.25 per cwt.

3,—The maximum price for imported canned hams is reduced from \$54.00 to \$47.00 per cwt.

4.—Definitions are revised for the following items: "regular picnic," "regular picnic—half skinned," "regular shoulders," "aged, dry-cured" and "cappicola butts."

5.—New definitions are added for: "belly squares," "dry salt trim," "feet—short cut," "feet—long cut," "hocks," "knuckles," "jowl butts," "square jowl butts," "neck fat—skin on," "neck fat—skinned," and "country backbone."

6.—In view of the lighter weight of hogs being sold the measure reduces the minimum weight specification for Boston butts from 4 lbs. to 3 lbs. This change will permit sale of the 3½-lb. butts allowed under Army specifications.

7.—A maximum price of \$17.50 per cwt. is established for "country back-

OPA Explains Moves

OPA explained that its action with respect to loins and shoulders resulted from diversion of unusually large numbers of green loins into the smokehouse, because of the higher price established for the smoked product, and because of a desire by the industry to encourage the production of rough shoulders neckbone-out to a normal relationship with neckbone-in rough shoulders.

In authorizing production of "country backbone" by farmers who do their own slaughtering, OPA said that the regulation formerly gave commercial specifications for cutting "back-bone." It was found that in rural areas farmers who slaughter their own hogs and sell the cuts did not have the facilities for cutting backbone according to commercial specifications. Specifications for country-cut product are now included in the regulation, and a ceiling price of \$17.50 per cwt. (central price zone) has been established. Only consumers in rural areas are expected to purchase this item.

OPA made the following comments in regard to some of the changes in product definitions:

Prior to issuance of the new definition of "regular picnic, half skinned," this item was defined as a regular picnic from which the skin had been removed to leave a collar covering not more than 50 per cent of the length of the picnic. The item is now defined as a regular picnic from which the skin has been removed from at least 21/2 in. of the butt end of weights of 8 lbs. or less, and from at least 3 in. of the butt end of weights over 8 lbs., and beveled from the beginning of the skinned portion to the lean meat at the butt end. OPA found that the cost of producing this item, as first defined, was greater than the 25c differential allowed for the operation.

Specifications Altered

The former definition of "aged, drycured" required that this type of product be hung for a period of at least five months. The new specification requires the product to be dry and cured and hung with the combined period of curing and hanging to constitute at least five months.

"Cappicola butt" is redefined to permit such product to be stuffed in artificial casings in line with industry practice prior to price control. Ceiling of \$42.25 is established for butts in artificial casings, the 75c differential between this price and the \$43 maximum on butts in natural casings representing the lower cost of the artificially-cased product.

Production of "belly squares, dry salt trim," as a new product is authorized merely as a variant of the form in which "dry salt trim bellies" may be sold. The change permits the sale of this product in smaller pieces and more marketable form. Belly squares (or strips) are made by cutting dry salt trim bellies at right angles to the length (crosswise) of the bellies, making two or more pieces not less than 4 in. in width measuring from the narrowest part.

New definitions added to RMPR 148 include:

"Feet, short cut": Front or hind pigs feet. Front feet are cut from the shoulder at or above the upper knee joint toward the body of the hog; hind feet are cut from the ham at or above the hock joint (toward the body of the hog), with the exposed part of the gambrel cord (tendon) entirely removed.

"Feet, long cut": Front pigs feet which have been cut from the shoulder at a point not more than 2 in. from the arm pit and parallel to the knee joint.

"Hocks, shoulder": The lower part of the foreshank, which is removed in making shankless shoulders or picnics. The foot is to be removed at or above the upper knee joint (toward the body of the hog). "Hocks, ham": The lower part of the ham which is removed in making entirely shankless hams; the foot is to be cut off at or above the hock joint (toward the body of the hog), and the hock is to be removed from the ham by cutting through the stifle joint, deflecting the cut at an angle of approximately 45 degs. toward exposed shank.

"Knuckles": The lower part of the foreshank (or hind shank), which is removed in making short shank shoulders, picnics or hams. The knuckle removed from shoulders or picnics shall have the foot removed at or above the upper knee joint (toward the body of the hog); the knuckle removed from the hams shall have the foot removed at or above the hock joint (toward the body of the hog).

"Jowl butts": Whole jowls, trimmed free of blood clots and ragged pieces.

"Square jowl butts": Whole jowls which have been pressed or flattened, trimmed square on all edges, face side faced smoothly, and trimmed free from blood clots.

"Neck fat-skin on": Trimmed the same as jowl butts except that part pieces may be included.

"Neck fat-skinned": The same as neck fat-skin on, except that all skin shall be removed.

VEAL AND LAMB NOW ON SHORT MEAT LIST

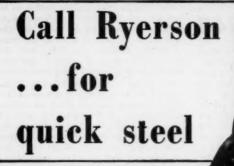
The supply of veal and lamb available to consumers is now the shortest since rationing began, the American Meat Institute reported this week in its monthly nationwide survey made for OPA. The Institute attributed the tight supply situation to increased government purchases and smaller marketings. The AMI pointed out, however, that cuts of these meats are relatively more abundant than many cuts of beef and pork.

The report, covering 674 meat packing plants, sales and branch houses, continued to show a pronounced shortage of all grades of beef. The amount of grade C and cutter and canner beef available to the trade in a week period in January, as compared with a like period in December, decreased more sharply than did beef grading AA, A and B.

Pork items, such as loins, hams, shoulders, spareribs, sliced and slab bacon, continue in very short supply, since more than half of the pork meeting Army specifications is going to the government.

Supplies of sausage items, such as wieners, bologna, baked loaves and luncheon meat, were shorter this month than in December. While not abundant, such cuts are still more plentiful than most other types and cuts of meat.

Variety meats, such as hearts, livers and tongues, reflect the same general picture as sausage meats. Lard, still in short supply, showed some improvement over a month ago.



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CINCINNATI. . Front St. and Freeman Ave. Cherry 3232

CLEVELAND...E. 53rd and Lakeside Ave. Henderson 1000330 Grant St.

PHILADELPHIA......5200 Grays Ave. Bell-Belgrade 1412; Keystone-West 1644

NEW YORK......203 Westaide Ave. Jersey City, N. J.

New York City...... Rector 2-3700
Newark...... Market 2-6067
Jersey City...... Bergen 4-1123

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COUNTING SHAFT SPEED

A speed counter is not always necesary for determining the speed of a motor, engine, turbine, spindle, shaft or other rapidly rotating machine part. Speed can be counted "by hand" in aeveral ways.

For example, attach a long thread to a lead pencil as indicated in Figure 1. Press the eraser end against the end



of the shaft in the same way that a regular speed counter is used, bearing against the point of the pencil with a piece of hard wood or metal to provide a spindle bearing, and the thread will wind on the pencil as the pencil revolves.

At the end of a predetermined time —5 seconds or thereabouts—remove the pencil and count the number of turns of thread. It is then a simple matter to compute the number of revolutions per minute. Thus, if the pencil wound the thread for six seconds, multiply the number of turns by 10 and the answer is the number of revolutions per minute.

Again, if conditions permit stopping the machine or shaft temporarily, a very simple way to count the revolutions is to run a lead pencil lengthwise of the shaft for a period of 5, 10 or more seconds, making a mark on the shaft during that period as indicated in Figure 2. The mark, of course, will



take the form of a spiral, but all that is necessary is to count the number of turns made during the test period and then compute the number of revolutions per minute. This method is valueless if the shaft cannot be stopped. One point worthy of note is that the mark will remain on the shaft for some time. At the end of the day's run, therefore, it will be possible to count the revolutions made during any period of the day. If the shaft is a long one it can be made to register the speed during any hour or every hour, serving as a sort of "recording chart."

Another effective and simple method is to file a nick in the end of the shaft and run a piece of cardboard or paper along against the edge as indicated in Figure 3. A series of marks will be made on the paper as shown, and by

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MEET THE AXEES The Gremlins of Accidents



Or you'll wake up with a cry of
"Fire—Oh!"

He brings trouble in large batches
With his cigarettes and matches.
Be sure that you're alert enough
To keep him out—for he's hot stutt!

NATIONAL SAFETY COUNCIL

timing the operation and counting the number of marks it is a simple matter to determine the speed of the shaft.

For example, this record shows 79

Fig. 3

marks made on the paper in 6 seconds. It will be noted that the marks are divided into groups of 10 to facilitate counting and to guard against error. "Divide the number of seconds into 60 and multiply by the number of marks," is the rule that applies to this and to all cases explained above. Sixty divided by 6 equals 10. Seventy-nine x 10 equals 790. Therefore the shaft makes 790 rpm.

A speed counter is handier than the methods outlined above, and one should be available if it is necessary to determine speeds frequently. However, for special cases any one of the above hand-made counters will do very well.

CARE OF RECORDING PENS

Proper care and maintenance of recording pens is vitally important in securing clear, legible chart records, it is pointed out by J. Sharp and F. G. Schreyer in a recent issue of *Instru*- mentation, published by the Brown Instrument Co., Philadelphia, Pa. The authors recommend observance of the following five points:

1.—Wash pens at regular intervals with clean hot water. Boil if necessary. This maintenance factor should be scheduled according to the requirements of the location, necessitated by the removal of sludge, dust or corrosive products.

2.—Keep the instrument door closed. The door should be opened only when absolutely necessary. Dust and contamination should be excluded as far as possible.

3.—Do not mix inks of various types and kinds. Precipitation is likely to occur, causing clogging in the pen or when starting a new pen. Make certain that the capillary is full and avoid any rough treatment such as pounding or forcibly scratching the tip against the chart. A damaged tip or one that has collected fibres will not produce a good record. A new V-pen can usually be started readily by wetting the tip with the ink dropper.

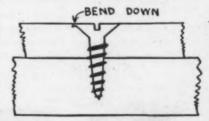
4.—Do not over-fill a pen. Damp weather may make the pen overflow.

5.—Provide the correct tension on the pen. Instruments are carefully adjusted when assembled, but the tension of the pen may change after usage. To test the tension, press the thumb lightly against the chart to allow the pen to swing free when the tension is correct. If the pen does not swing free, the condition can be remedied by flexing the pen arm either way from the paper until proper adjustment is obtained.

LOCKING WOOD SCREWS

It is not uncommon for screws in wood gradually to work loose and come out, particularly if the joined pieces of wood are subject to constant strain and vibration.

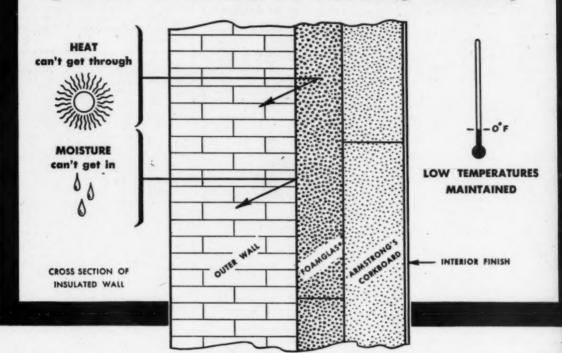
There are a number of preventative measures, but one of the best is to take a cold chisel and bend down an edge of the head as indicated in the accompany-



ing rough sketch. The bent-down portion will then serve as a brake or lock on the screw, making it difficult to remove it even with a screw driver. It can be removed only by breaking some of the retarding wood fibres.

Obviously, it is best to make the bend at the point at which the resistance to turning is greatest—where the bent portion must move against the grain of the wood and not with the grain.

How Armstrong's new cold room construction provides PERMANENT insulating efficiency



NOW there's a positive, permanent way to lick the greatest enemy of efficient low-temperature operation—moisture. Today you can build a cold room protected by both high insulating efficiency and a permanent vaporproof barrier. It is accomplished through a new construction which combines Armstrong's Corkboard and Foamglas* using to full advantage the best properties of both.

This construction utilizes all the natural moisture resistance and high insulating efficiency of Armstrong's Corkboard. It provides also an outer shell of Foamglas which is a permanent vapor seal as well as an efficient insulation material. This cellular form of glass is absolutely impervious to water, vapor, and air and is fireproof. qui

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The new construction is easy to erect since both materials are erected in accordance with standard specifications. Interior wall finishes are the same as for standard corkboard construction.

FOR COMPLETE INFORMATION about this new construction—including engineering drawings and erection specifications—write today to Armstrong Cork Company, Building Materials Div., 6501 Concord St., Lancaster, Pa.

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Up and down the MEAT TRAIL

Personalities and Events of the Week

- Associated Packing Co., a new corperation organized by members of the Retail Grocers Association of Arizona, has leased the A-Z Packing Co. on W. Southern ave. in Phoenix. A. B. Camphell, plant owner, will continue to direct the business, while Emory J. Hurley, former superintendent of the Hurley Packing Co., Phoenix, which was acquired by Safeway a few months ago, is now with Associated Packing Co. as operations manager. Clyde Killingsworth, executive secretary of the retail association, will also be affiliated with Hurley in the management of the plant. • Louis W. Kahn, president, E. Kahn's
- commerce for a three-year term.

 E. S. Gotthold of the dairy and poultry department of Swift & Company's Buenos Aires plant, who arrived in the U. S. this week, spent a few days visiting in New York before going to Chicago.

Sons Co., Cincinnati, has been re-elected a director of the Cincinnati chamber of

- Max Denerstein, general manager, Lincoln Farms Products Corp., New York, for the past 24 years, has resigned from that position to become actively engaged in his own recently formed business. Effective January 22, he will be located at Chester, N. Y., where he will operate the Chester Rendering Co.
- St. Louis Independent Packing Co., St. Louis, Mo., has received the approval of the WPB for erection of a four-story utility building adjoining its present property.
- Dr. L. H. James, B. Sc., Ph. D., since 1937 professor of bacteriology and head of the bacteriology department of the University of Maryland, is opening a consulting office and laboratory in industrial microbiology at 189 W. Madison st., Chicago 2, Ill., where his work will include the control of bacteria, yeast and mold in food preservation, disinfectants, industrial fermentations, and the microbiology of food products.

BUYS WYOMING MEAT PLANT

Lou F. Holscher has purchased the Casper Packing Co., Casper, Wyo., which he will operate under the name of Holscher Packing Co. He was formerly affiliated with the Cook Packing Co., Scottsbluff, Neb., for saven years. Holscher plans to step up saughtering and processing volume, distributing product to retailers throughout the state, and will also make some carload shipments to wholesalers and jobbers in eastern and western centers.



"LAST LOAD" AT SAN FRANCISCO PLANT

L. C. Taylor, manager, Golden West Meat Co., San Francisco, inspects last of the beef his company handled before closing doors in protest against new livestock ceiling regulations. Maintaining that OPA \$18 ceiling will not permit firm to operate at profit, company prefers to keep entire crew on payroll without work at cost of \$4,000 per month rather than face anticipated monthly losses of \$15,000.



Prior to his association with the University of Maryland, Dr. James did extensive microbiological research work in the food research division of the Bureau of Agricultural and Industrial Chemistry.

- Kenneth Quigley, long associated with the wholesale meat trade in Seattle, Wash., has joined the staff of Harry L. Odend'hal & Co., food brokerage firm of that city.
- Wholesale operations of H. Woron in the Bell st. dock at Seattle were recently acquired by Meats Co. (formerly Meats, Inc.), which is owned by Morris Gordon, Pat Ryan and Bud Horton.
- W. P. Willard has been transferred to Armour and Company's Cincinnati division as assistant manager in charge of sales, it is announced. He was formerly connected with the Cleveland division.
- Colorful, full-sized billboards, in addition to a radio program, are being featured by Oswald & Hess Co., Pittsburgh, Pa., in advertising the company's "Delicious Norfolk Ham."
- A two-story office unit is now under construction at the Ft. Worth, Tex., plant of Swift & Company. Other construction work includes an addition to

20, 198

the restaurant at the Ft. Worth plant.

- Herbert V. Major, who has been head cattle buyer for Armour and Company at So. St. Joseph, Mo., for the past five years, left January 13 to take up his new assignment at the company's Omaha, Neb., plant.
- Edward Maleta, 38, foreman of the beef cutting department of Armour and Company at So. St. Joseph, Mo., died in a local hospital on January 13. He had been a St. Joseph resident for 35 years.
- The Wholesale Food Division of the Merchants and Manufacturers Association, Inc., Washington, D. C., at its annual dinner meeting in the Washington hotel, named John Klein as chairman of the group for 1945 and Sidney Kolker, Washington Beef & Provision Co., as vice chairman.
- Presentation of the WFA Achievement "A" award to the Deerfoot Farms Co., Southborough, Mass., was made on January 16 at Southborough Town Hall.
- Mrs. M'Liss Frances Means Dold, widow of the late Jacob Cyrus Dold, former president of the Jacob Dold Packing Co., passed away New Year's day at the home of her son, Ralph S. Dold, manager of Wheatfield Foods, Los Angeles, Calif. Services were held at Los Angeles on January 5, after which the body was returned to Buffalo, N. Y., for interment in the family plot. Mr. Dold accompanied the body east.
- The Louisville, Ky., Livestock Exchange has named E. H. Metcalf as

Realtor Buys Sucher Plant

Sale of the Sucher Packing Co., Dayton, Ohio, to Arthur Beerman, Dayton realtor, was announced January 13 by Charles and Louis Sucher, executives of the company. The plant, which specialized in the handling of pork products, has been closed since November. Its killing capacity is reportedly 120,000 head of hogs per year. According to Beerman, the unit will resume operations as soon as the necessary permits can be obtained from federal agencies. The sale comprises 12 acres of land, 475,000 sq. ft. of buildings and 110,000 sq. ft. of refrigerating space.

WILSON GIRL IS A MARINE

Corp. Harriet Naro-dowski, M. C. W. R., now stationed at Ouantico, Va., was formerly employed in the canned meat department general office of Wilson & Co.'s Chicago plant. She enlisted in the Corps on February 7, 1944, and has been stationed at Quantico as stenographer in the Commandant's office of the Marine Corps Schools. A brother is now in Belgium with a U. S. infantry regiment.



president of the organization for 1945. Other officers include W. S. Bell, vice president, and Miss Bertha E. Wuersch, secretary-treasurer. Directors are Adolph E. Montgomery, Ray Barrickman, C. J. Embry, L. A. Blanford and W. R. Claxon.

- P. W. Seyl, vice president and treasurer, Wilson & Co., Chicago, and J. A. Hafner, executive department, were New York visitors during the past week.
- E. G. James of the E. G. James Co., Chicago, was in Los Angeles on a business trip from January 2 to 10, leaving on the latter date to spend two weeks renewing business contacts in San Francisco.
- Charles M. Saxton, veteran member of the Wilson & Co. sales department at Los Angeles, died on January 6. He had been affiliated for a number of years with the meat packing firm of Simon Maier Co. before the property was taken over by Wilson and converted into a branch house.
- Ned Sherlock, beef producer of Lakeview, Ore., was in Los Angeles on
 January 7 to participate in a conference
 of southern California livestock and
 meat industry members called to study
 recent OPA moves affecting the trade.
- Miss Statia Adelaide Doody passed away on January 14 at the home of her nephew, E. D. Henneberry, president, Hull & Dillon Packing Co., Pittsburg,

Kan. Starting in 1893, she was employed for approximately 22 years in the executive offices of Morris & Company, Chicago.

- Matt Grossman, well known in Pacific Northwest meat circles as an industry figure, sportsman and trapshooter, died recently in a Seattle hospital after an emergency operation. In former years, he had operated a meat business on Union st., Seattle.
- An addition is being erected at the plant of the California Rendering Ca, Los Angeles, which will measure 20 by 35 ft. and will cost approximately \$3.500.
- A Waterloo, Ia., chapter of the Nay League, a civilian group interested in wartime activity of the country, he been organized under the temporary chairmanship of R. A. Rath, president, Rath Packing Co.
- The Baltimore, Md., meat packing organization of Wm. Schluderberg-T. J. Kurdle Co. was awarded the War Food Administration "A" pennant at a commony on January 20.
- Benjamin Antle, 67, affiliated in a sales capacity with Swift & Company for 31 years prior to his retirement in 1942, died on January 14 at his home in Elwood, Ind., following a year's illness.
- Sgt. James H. Meas, employed by Swift & Company at Harrisburg, Pa.

Associate Member, AMERICAN MEAT INSTITUTE . Members, CHICAGO BOARD OF TRADE . Associate Member, NATIONAL INDEPENDENT MEAT PACKER ASSOC

DRESSED HOGS



ORIGINATORS, DEVELOPERS AND PERPETUATORS OF THE DRESSED HOG BUSINESS

CARLOADS OR TRUCKLOADS

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Representing all Dressed Hog Shippers Specializing in Dressed Hogs from the Hog Belt

WE EARNESTLY SOUCIT YOUR INQUIRIES IF YOU ARE A QUALIFIED OPA CERTIFIED DRESSED HOG PROCESSOR

PACKERS COMMISSION CO

BOARD OF TRADE BUILDING ORIGINAL AND ONLY DRESSED HOG BROKERS EXCLUSIVELY

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CHICAGO

May we suggest that you use our Lard Department



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THE QUALITY TRADE MARK



For Grinder Plates and Knives that Cost Less to Use

COME TO SPECIALTY!

C-D SUPERIOR PLATES

Immediately available in all styles: angle hole, straight hole and tapered hole... one sided or reversible... equipped with patented spring lock bushing.

C-D TRIUMPH PLATES

are everlasting plates guaranteed for five years against resharpening and resurfacing expenses. Built to outlast any other make of plate 3-to-1. Available in any style or any size to fit all grinders.

C-D CUTMORE KNIVES C-D SUPERIOR KNIVES

B. & K. KNIVES
all with changeable blades.

Also, Sausage Linking Guides, Casing Flushing Guides, Solid Tool Steel Knives, Silent Cutter Knives and Repair Parts for all Sausage Machinery.

Send for full particulars!

THE SPECIALTY MFRS. SALES CO.

Chas. W. Dieckmann 2021 Grace St., CHICAGO 18, ILL. before his induction into the Army, is now doing meat inspection work at Ft. Dix, N. J. On January 6, he was married to Miss Shirley M. Daniels at Cumberland, Md.

 William B. Traynor, treasurer, Swift & Company, Chicago, has announced the election of A. L. Bruckner, 43, as an

assistant treasurer of the company. After early experience in the banking and real estate fields, Bruckner joined the accounting department of Libby, McNeill & Libby, Chicago, in 1928, and in 1933 was appointed assistant treasurer of the company. He joined the banking department of Swift & Company eight years ago,



A. L. BRUCKNER

where he has given special attention to the investment of trust funds by the company's pension board and the Employes' Benefit Association.

The tight manpower situation in Spokane, Wash., meat packing plants was intensified recently when the Navy withdrew for active service elsewhere 50 qualified men who had been "on loan" to the companies. C. Elwood Lease of the USES office there said all the plants would be affected by the withdrawal of the men.

Industry Gold Stars

* * *

BUDNICKI, LEO.—Leo Budnicki, former employe of Swift & Company at National Stock Yards, Ill., in the pork fancy meats department, died in action in France.

FIKE, ROY.—Pfc. Roy Fike, 24, former employe of the Rath Packing Co., Waterloo, ia., was killed in action in Germany on Christmas day, the War Department has announced. He went overseas last October, where he was attached to an infantry unit.

HOLLIS, DEWEY R.—2nd Lt. Dewey H. Rollis, 21, employed by the Rath Packing Co., Waterloo, Is., before entering the service in January, 1943, died in an airplane crash in England, the War Department annunced recently.

nounced recensity.

MORRIS, EDWARD 6.—Pvt. Edward 6. Morris, formerly employed by the Albany Packing Division of the Tobin Packing Co., Albany, N. Y., was killed in action two weeks after the landing in France, it is reported by the War Department. He participated in the Cherbourg campaign and other invasion battles. He was 25 years old and married.

PATTON, EARL E.—Sgt. Earl E. Patten, former employe of the canning department of Agar Packing & Provision Corp., Chicago, serving in a tank destroyer battallon, was killed in action in France on November 22, the company reports.

SCHMID, ALBERT.—Ffc. Albert Schmid, 23, former employe of Stahl-Meyer, Inc., was killed in an airplane accident in Oklahoma early this month. Until his induction in February, 1943, he had worked in the maintenance department of the company's New York and Brooklyn plants, having joined the organization in 1940.

WALTEMEYER, HAROLD E.—Pvt. Harold E. Waltemeyer, 20, former employe of the Rath Packing Co., Waterloo, was killed on December 12 in a glider crash over Newbury, England, while on a routine flight, it is aunumed.

WFA Allocates Less Meat for Civilians For 3-Month Period

Less meat, chicken, fats and oils as butter will be available to civilian during the January-March quarter of 1945 than in the preceding three months, WFA announced this week.

Of a total of 6,082,000,000 lbs. of meat available for the January-Marci quarter, civilians have been allocated nearly 4,174,000,000 lbs.—approximately 3 lbs. out of every 4. This is about 15 per cent less than they consumed during October-December. The decrease will be due mostly to a substantial reduction in veal, lamb and mutton supplies. Pork supplies will be down just slightly and beef will be about the same.

Of the 1,908,000,000 lbs. remaining. U. S. military and war services have been allocated nearly 1,314,000,000 lbs. lend-lease and other export programs about 594,000,000 lbs. (mostly pork). In other words, 95 per cent of the total meat supply for the first three months of 1945 has been earmarked for U. & civilians and the U. S. military.

Civilian supplies of edible fats and oils other than butter will be almost as large during January through Marias the preliminary estimate of consumption during October through December. Their allocation of lard, margarine, shortening and other edible sit adds up to nearly 1,032,000,000 lbs. fat the next three months. U. S. military and war services have been allocated about 96,000,000 lbs. of edible fats and oils; our Allies, territories, the Rai Cross and other export programs, close to 288,000,000 lbs.

Allocations of meat industry and alied products for the first quarter of

1940 are a	P TOHO	44 0 .		
			L	end-Lesse
	Total million lbs.	U.S. Civilians million lbs.	U.S. Military & War Services million lbs.	& Other Experts & Ship- ments million lbs.
MEAT*				
Pork** Veal Lamb	3,125.0 312.0	1,717.0 2,028.7 270.4 157.8	638.9 613.7 29.5 31.7	74.1 462.6 12.1 55.5
FATS AND O	LS			
Margarine. Lard		$103.5 \\ 425.3$	21.0	385.3
Shortening of oils		486.4	75.4	BLE

*Carcass weight. **Excluding lard. ***Fat co-

WLB ORDERS PAY HIKE

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A 2c an hour wage increase, retrosctive to May 1, 1944, was ordered for 900 employes in the Chicago Union Stock Yards this week by the sixth regional War Labor Board. The decision followed a dispute between the Chicago Stock Yards Packers' Association and locals 710, 721 and 742 of the AFL international Brotherhood of Teamsiers. The board also ordered time and one half pay for work in excess of 8 hours daily and 48 hours weekly, and wartion money.

To all business,

large

Postwar business competition is going to be tough. Whether your trucks make or lose money for you is going to be more important than ever before

Today in wartime, the lack of new civilian trucks has thrown a revealing light on the performance and stamina of every make of truck in the or sma. United States. Right now is the time to dig into all the facts as they exist-to find out which trucks are standing up best under the toughest conditions trucks have ever had to face.

> Now is the time to determine which trucks will do YOUR job in the BEST possible way, at the LOWEST COST during the years ahead.

The phrase "Built like a Mack truck" got into the language because of something real that is built into Mack trucks.

Step by step-in materials, design and workmanship-they are deliberately built to work harder-last longer-require less repair than any other truck you can buy.

This is not a "claim," but a fact! It is backed by the records of thousands of wartime Mack owners who have seen Mack's better construction pay off at a time when it was needed most.

They will tell you-in no uncertain terms-that the man who owns a Mack is lucky, and the man who plans to get one is wise.

Essential civilian users can now secure Mack trucks. Ask your nearest Mack branch or dealer for details.



ONE TON TO FORTY-FIVE TONS: BUSIS FIRE APPARATUS AND MARINE ENGINES

PERFORMANCE COUNTS

Buy That Extra War Bond Today.

The National Provisioner-January 20, 1945

Page 27

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RECENT PATENTS

The information below is furnished by patent law offices of

LANCASTER, ALLWINE & ROMMEL

468 Bowen Building Washington 5, D. C.

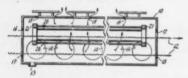
The data listed below is only a brief review of recently issued pertinent patents obtained by various U. S. Patent Office registered attorneys for manufacturers and/or inventors.

Complete copies may be obtained direct from Lancaster, Allwine & Rommel by sending 25c for each copy desired. They will be pleased to give you free preliminary patent advice.

No. 2,360,374, METHOD OF AND COMPOSITION FOR USE IN PRE-SERVING SAUSAGE CASINGS, patented October 17, 1944 by Daniel Topjian, Watertown, Mass., assignor, by mesne assignments, to himself, as trustee.

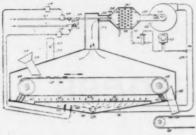
The washed and graded casings are saturated with a preservative composition comprising glycerin and sodium chloride (common salt) each in 25 percent to 30 percent water solution, and the saturated, wet casings are then packed for subsequent stuffing.

No. 2,364,049, PROCESS FOR PRE-SERVING FOOD AND PRODUCT, patented December 5, 1944 by Duryea Bensel, Los Angeles, Calif., assignor to Bensel-Brice Corp., Los Angeles, Calif., a corporation of California.



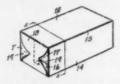
The process includes drying the food until free surface moisture is removed, sealing the dried food in a vacuum within a sealed container, freezing the sealed package of food, and thereafter maintaining the frozen package of food at a temperature of less than 32 degs. F. until it is to be prepared for consumption.

No. 2,365,890, METHOD OF FOOD DEHYDRATION, patented December 26, 1944 by Douglas M. McBean, Rochester, N. Y.



In this method, a partial dehydration step is carried out in a continuous manner, whereby the moisture in the product is brought to the surface of the product as fast as the surface moisture is removed.

No. 2,364,267, CARTON, patented December 5, 1944 by Kenneth T. Buttery, Kalamazoo, Mich., assignor to Sutherland Paper Co., Kalamazoo, Mich.



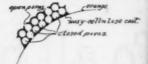
An end opening carton is provided, having special tongue interlocking features.

No. 2,365,728, TREATMENT OF SAUSAGE AND SAUSAGE CASINGS, patented December 26, 1944 by Gustav Redemske, Chicago, Ill., assignor to Armour and Company, Chicago, Ill., a corporation of Ill.

The method comprises preparing sausage comprising treating unstuffed animal casings with a small amount of proteolytic enzyme, terminating the treatment before the enzyme has acted to affect the tensile strength of the casings, whereby the casings are conditioned for tendering but contain substantially all their original tensile

strength, stuffing these treated casing with meat, and subjecting the stuffe casings to heat whereby the meat is cooked and the casing is tendered with a substantial reduction in its tensil strength.

No. 2,364,614, RAW-STATE PRE SERVING PROCESS AND COMPOSI TION, patented December 12, 1944 b Joseph Harold Beatty, Anaheim, Call



The inventor provides a cellulose was gel as a tenacious adherescent protective coating for fresh fruit and the like

REVISED TANKER DEMURRAGE ORDER EFFECTIVE NEXT WEEK

The tank car demurrage order which was to have become effective Januar 15, has been replaced by ICC Revise Service Order No. 263, effective January 22 at 7 a.m., according to an announcement by the Interstate Commerc Commission.

The revised order applies to can owned, leased and controlled by bot railroads and private companies. Under its provisions, the time a loaded tank car may remain at any point of destination, without having to pay demurage, is reduced from 48 to 24 hours. The demurrage charges, after the appration of the first 24 hours, will be \$11 per car per day for the first five days and \$22 per car for each day thereafter.

The number of days a loaded tank car has been held prior to the effective date of the new order is to be counted in computing charges applicable on the effective date of the order.

Late this week the ICC revised the order to extend its application to all cars held for reconsignment, diversion or re-shipment as well as unloading.

WFO 75.2 REPORTS CHANGED

As a result of Amendment 18 to WPO 75.2, the War Food Administration has revised its Form FDO 75.2-1 for use in reporting the Army style beef part of the order. WFA has also issued Revised Form FDO 75.2-2, superseding the form previously used for reporting under the cutter and canner provision of the order.

Each Class 1 beef slaughterer is being asked to report to the Administrator's office each week on both of these forms, even though in some cases and in some weeks a slaughterer may be killing only one of the two kinds of cattle covered by these two forms. Class 2 beef slaughterers are affected only by the Army style beef portion of two order and should report only on Form 75.2-1.



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Form

1945

announcing-

revolutionary improvement in the baking of meat loaves, with (Patents Pending)

THE Bake-Rite CHROME TRAY



THE BOLLE CHROME NEW BOLLE TRAY ... solves the packer's pan problems

Every meat packer and sausage kitchen in America will want to use these new BAKE-RITE CHROME TRAYS for baked meat loaves and molded specialties. Furnished in a complete range of sizes, they offer the only common-sense and economical solution to the problems of Lowering Production Cost... Meeting Labor Shortage... and Increasing Profitable Meat Specialty Sales.

Used in conjunction with BAKE-RITE PAPER LINERS, BAKE-RITE CHROME TRAYS speed up production, reduce shrink, save handling, and increase oven capacity.

They're a revolutionary improvement over any other type of metal loaf pan, including tin, aluminum, or stainless steel.

Pertinent facts about BAKE-RITE CHROME TRAYS

BAKE-RITE CHROME TRAYS are manufactured in accordance with our exclusive design (Patents applied for).

Never before has a meat loaf tray been offered to the meat-packing industry with so many practical features.

BAKE-RITE CHROME TRAYS are designed and built to "take it!" Constructed of heavy, special carbon-steel wire, and finished with a heavy, industrial chrome plating, welded throout, there isn't a weak spot in them . . . No sharp corners or seams, and very little surface for collection of dirt and bacteria.

BAKE-RITE CHROME TRAYS' exclusive construction has "air-conditioning" built in, permitting quicker, more uniform heat transfer for baking and chilling. Complete air circulation, around the entire tray, assures a better product... faster baking time... quicker chilling... resulting in lower bacteria count, improved appearance, better flavor and color.

They are easy to clean. The meat, encased in strong BAKE-RITE PAPER LINERS, never comes in contact with the Chrome Trays. Washing cost is very low. You don't have to handle BAKE-RITE CHROME TRAYS with "kid gloves." They are impervious to strong, caustic washing solutions, and simply require soaking for a short period of time to remove all traces of meat or dirt, followed by a rinse with hot water.

They are much stronger than costly light-weight

stainless steel, aluminum or any other metal pans. Tapered construction permits nesting for economical storage.

A WORD ABOUT "CHROME"

Chrome is one of the hardest and most stable metals known. It is ideal for use in food plants. This same type of plating is called for in many U. S. Navy specifications . . . especially on air-plane parts.

Sodium Chloride, Sodium Nitrite, Sodium Nitrate, as well as strong caustic cleaning solutions, have little, if any, effect on BAKE-RITE CHROME TRAYS.

Subjected to a total of 300 hours of continuous salt spray test, compared to 24 to 48 hours' test for most plating finishes . . . (300 hours is the equivalent of about 3 years' actual use) . . . the chrome finish did not show any appreciable signs of wear or corrosion.



Basic Fond Materials Bake-Kite Chrome Tray and Tiner

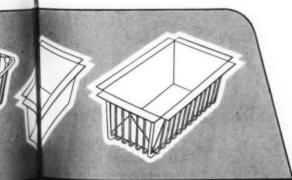


The elimination of the use of Paper Outer Pans has enabled us to DRASTICALLY REDUCE the cost of BAKE-

We will lease you all of the BAKE-RITE CHROME MEAT LOAF TRAYS you need, when you purchase and use BAKE-RITE TRAY LINERS at these new, reduced prices. The trays are leased to you without cost, except The second se

The trays remain the property of Basic Food Materials, Inc., and are guaranteed unconditionally. If they do not perform to your entire satisfaction, return them, and your deposit property and promptly refunded.

Production of the Chrome Trays will be limited for the next few months. Write, wire or phone today for specimen contract, and complete details, or have one of Basic's representatives come to your plant and explain this unusual offer to you.



Deliveries will be made as promptly as possible. Get your reservation in early, so that you'll have ample trays and liners when you need them. 1444444



This handsome, sturdy manual comes to you in loose-leaf form, and contains complete instructions on the use of BAKE-RITE CHROME MEAT LOAF TRAYS AND LINERS for all types of meat loaves and specialties. Contains more than 100 "tested" formulas. Many new ones you've never seen.

In addition, each month we'll send you a top-notch, sales-stimulating "LDEA OF THE MONTH" Formula, together with merchandising suggestions.

Keep it on your desk for ready reference.



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Reads for release about February 1st, 1945.

BASIC FOOD MATERIALS, Inc.

806 Broadway . Cleveland 15, Ohio

Army Wants Canned Meats; Needs More Boneless Beef Now

Meat industry canning facilities will continue to be busy filling Army and other government needs, it was indicated this week when the Chicago Quartermaster Depot issued a notice stating that it will consider bids for certain canned meat items to April 30.

Officials of the Quartermaster Corps also reported this week that they need substantial additional quantities of Army style frozen boneless beef. The Army is requesting all beef packers subject to the set-aside order to offer as much as possible of the beef in frozen boneless form. The quantity which has been offered in recent weeks is less than half of that needed.

Canned meat items on which the Chicago Quartermaster Depot will consider bids for delivery to April 30 include:

Pork sausage links, 32-oz.; pork and corn, 6-oz.; pork sausage patties and apples, 6-oz.; hamburgers, 6-oz.; pork and apple sauce, 6-oz.; sliced bacon, 24-oz.; meat balls and spaghetti, 30- or 34-oz.; ham and raisin sauce, 34-oz.; ham and candied sweet potatoes, 34-oz.; chip steaks, 4 oz.; pork steaks, 4-oz.; fried ham, 4-oz.; chicken, solid pack, 3%-oz.; canned chop suey; beef and pork loaf, 4-oz.; corned pork loaf, 3%-or 4-oz.; ham and eggs, 3%-oz.; pork and whole egg, 3%-oz.; pork

In addition, the depot will consider bids for the following 12-oz. components of type C rations: meat and beans; meat and vegetable stew; ground meat and spaghetti; ham, eggs with potatoes; meat and noodles; pork and rice; frankfurters and beans; pork and beans; ham and lima beans; chicken and vegetables

Lard Set-Aside Order

(Continued from page 13.)

coming down as fewer and fewer cuts and trimmings have been sent to the tank and some estimate that the average yield per hog may now be as low as 27 or 28 lbs. (average weight at seven markets was 241 lbs. for the week ended December 23). On this basis, the new order would call for a higher percentage of output than WFA figures indicate. In individual cases, the new order might require some packers to set aside a disastrously high percentage of their total production.

WFA reported this week that 155,-156,000 lbs. of lard and 16,768,000 lbs. of pork fat were rendered in December.

CCC purchases of lard in December totaled 18,615,000 lbs. against 21,158,000 lbs. in November. Purchases for week ended January 6 amounted to 2,146,000 lbs. and for the week ended January 13 totaled 1,040,000 lbs.

It was learned this weekend that

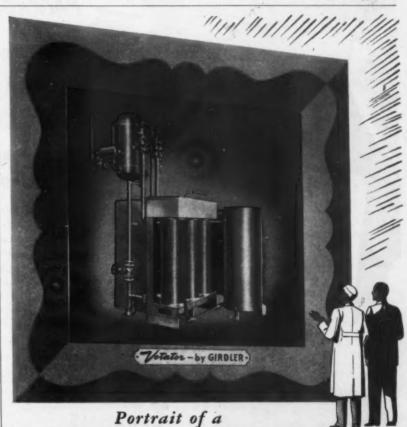
WFA has offered and probably sold 20,000,000 lbs. of off-condition P. S. lard at 11.04c f.o.b. Cincinnati to five soapers.

HOG SUPPORT TERMINATION

The War Food Administration stated this week that there was an error in its earlier announcement of the period during which price support for good to choice butcher hogs (200 to 270 lbs.) will be maintained on a basis of \$12.50, Chicago (see The National Provisioner of January 13, page 43). Instead of terminating on March 1, 1946, as announced last week, this support level will be maintained until March 31, 1946.

WHAT HAPPENS TO RILEY ON JANUARY 28 BROADCAST

Junior shows up with a new basketball about the time the housekeeping money disappears and immediately finds himself in hot water on the January 28 broadcast of the American Meat Institute's Sunday night radio comedy, "The Life of Riley," starring William Bendix. Junior protests his innocence, so Riley tries his hand at getting to the truth of the affair. As usual, he only succeeds in getting into trouble himself as Junior is vindicated. See your local newspaper for time and station.



SALES PROMOTION MACHINE

By revolutionizing lard production, the Votator has also revolutionized the sales promotion possibilities of lard.

Because the Votator's unique closed system chills, plasticizes, aerates, does everything in one continuous, automatic operation, under mechanical control, it produces lard with that snowy whiteness and smooth, creamy texture which say extra value on sight—and furthermore, it does this in always the same positively uniform way. Unlike the days when all lard was "just lard," the Votator now makes it possible to sell up with your brand of lard, in terms of special quality.

Write to the Girdler Corporation, Votator Division, Louisville1, Ky.



A CONTINUOUS, CLOSED LARD PROCESSING UNIT

*Trade Mark Registered U. S. Patent Office



Cans don't break . . . they prevent spoilage . . . make shipping, storing, selling easy

 "Let me tell you why, as a meat packer, I prefer to pack meat in cans ... and why cans prevent a lot of headaches for retailers and housewives, too.

"Cans don't break, so canned meats are ever so easy and economical to ship and handle. Because cans seal out air, processed meat in cans keeps at peak quality without spoiling.

"Furthermore, cans display effectively. Their smart labels and bright colors make brand recognition easy, and carry lots of sales appeal.

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"Yes, sir...I've always preferred packaged meat in cans. So have retailers and housewives. We'll all hail the day when more meat products can be packed in steel-and-tin cans!"



4 MAJOR REASONS

Why Housewives Prefer Packaged Meat in Cans

- 1. Meat in cans keeps better, longer.
- 2. Cans don't break, chip, split,
- 3. Cans are more convenient.
- 4. ... And more economical.

BIG AD CAMPAIGN PLUGS CANS!

Every month more than 30,000,000 printed messages about cans are read by families throughout the U.S.A. Full-page, full-color ads appear regularly in Sunday newspapers and ten national magazines to keep consumers thinking of the advantages of cans.

CAN MANUFACTURERS' INSTITUTE, INC., NEW YORK

How to Save Coal

(Continued from page 16.)

Sometimes a homemade water cooling system is used along with the clinker line effectively. One system is a series of jets projecting through the furnace walls at 6-in. to 12-in. spacing. From these, small streams of water trickle into the ashpit.

Exhaust steam blown into the ashpit is effective in preventing clinkers sticking to grates and dump plates in overfeed as well as underfeed stokers. Clinkering is a major cause of high ashpit loss. Loose, broken or warped grate bars are another cause.

Other important causes of high ashpit losses on traveling-grate stokers are segregation of coarse and fine coal, and coking characteristics of coal. Freer burning coals give lower ashpit losses. Often, adding water to coking coals improves both boiler capacity and efficiency by reducing ashpit and excess air losses.

Some years ago I spent much time experimenting with a low volatile coking coal on traveling grate stokers in New England. I found that by adding from 6 to 8 per cent free moisture to this coal (% in. x 0 slack) ashpit losses were cut in half with a marked increase in over-all efficiency.

With spreader stokers there may be a lot of carbon in the flyash. This carbon loss is apt to be higher in a lower ash strong-coking coal than in a higher ash free-burning coal. Steam jets properly placed in the furnace have been known to reduce materially the carbon in the flyash.

Carbon loss in the flyash from pulverized-coal-burning plants is largely a function of the fineness of the pulverization. Grind coal as fine as possible. Keep pulverizer in good repair, and avoid secondary combustion in tube banks. If possible keep the flame in the furnace.

What About Smoke?

Smoke is more of a nuisance than a waste of coal unless it is accompanied by CO in the flue gas. On the other hand, smoke is a good indication that CO is present and the gas should be analyzed for it. Even small percentages of CO reduce the boiler efficiency greatly, as shown in Table 3.

The CO₂ content of the gas should not be raised beyond the point where CO can be detected with the Orsat. Smoke itself is finely divided particles of carbon and ash. Smoke should be avoided, and in many cities this is required by law, yet remember that a clear stack may be wasting much larger quantities of coal than a smoky one. (Again refer to Table 3.)

All power men know the need to keep heating surfaces clean, inside and out, but some of us slip in actual application of this knowledge. As a matter of fact, are those soot blowers regularly used at least once each shift? Have you examined them lately? Are any of the elements warped or burned off, so that

TABLE 3-CARBON MONOXIDE LOSS, PERCENT

Heat losses resulting from CO in flue gas with varying amounts of excess air and CO₂. Illinois and West Virginia high-volatile coal.

EXCESS	CO ₂ IN PLUE GAS	ILLINOIS COAL (68% carbon)				West Virginia Coal (79% carbon)				
%	07		CO:	%	CO: %					
	%	0.25	0.50	1.00	1.50	0.25	0.50	1.00	1.50	
125	8	1.7	3.3	6.3	9.0	1.7	3.4	6.4	9.	
100	9	1.6	2.9	5.7	8.1	1.6	3.0	5.8	8.	
80	10	1.4	2.7	5.1	7.4	1.4	2.7	5.2	7.	
65	11	1.2	2.4	4.8	6.7	1.2	2.4	4.8	6.	
50	12	1.1	2.2	4.4	6.3	1.1	2.3	4.4	6.	
40	13	1.1	2.1	4.0	5.9	1.1	2.2	4.1	6.	
30	14	1.0	2.0	3.8	5.5	1.0	2.0	3.8	5.	
25	15	.9	1.8	3.5	5.1	1.0	1.8	3.5	5.	

the steam is cutting a hole in a tube, which may fail at any time causing a major repair? Are the blowers located so they can really clean the soot and slag off the tubes?

You might as well insulate your boiler with asbestos as with soot and flyash. Have a look at your flue-gas temperature.

There isn't time here to discuss feedwater treatment, but you know that the thinnest coating of scale greatly reduces boiler efficiency and capacity. How much time and labor are you losing by cutting out boilers for scale removal? Are you sure you are using a good water-treating agent? If you have any scale at all you'd better have your raw and treated water tested by a competent chemist who can determine on the best treatment.

So far we have shown how to use less coal to make a given amount of steam. Now how about saving steam to save still more coal? Easiest shortcut is to use exhaust steam for heating boiler feedwater. For every 11 deg. F. that you raise feedwater temperature you reduce coal consumption 1 per cent if you heat the water with exhaust steam that would otherwise be wasted.

Use all the hot water returns you possibly can from heating systems and process. It may not be hard to increase the feed temperature from 10 to 25 deg. and that means saving half a ton of coal to a ton on every 50-ton car you burn. Sometimes, to use that additional temperature it may be necessary to raise the feedwater heater another 5 to 10 ft. above the feed pump. If you have more exhaust steam than you use for heating water or buildings, perhaps you can save by replacing a steamdriven pump or stoker engine with a motor. It is generally cheaper to use the motor than waste exhaust steam.

Lubricate all machinery to save coal and save machinery as well. In some older factories, as much as 40 to 50 per cent of the fuel for power is wasted in friction.

Stop all steam leaks. At 100-psi pressure a 3/32 in. hole wastes 15 tons of coal a year.

Out in the plant perhaps that cooker,

dryer or digester needs overhauling. It may be using too much steam. Check steam traps regularly; they may be leaking and some usually are. Some may be plugged, letting wet steam into your engines.

Check all steam and hot-water piping systems, heaters, pumps, soot blowers, blowdown valves, pump packing glands and safety valves. You may be wasting several tons of coal each month into thin air.

Are your steam pipes properly covered? Is covering tight? Repair loose or damaged covering. Saving the heat is saving the coal.

Other Points to Check

Does your turbine condenser show the proper vacuum? Is condenser tight and are tubes clean? Are exhauster pump or jets in working order? If not, they may waste a lot of coal.

Tests of steam turbines show a decrease in steam consumption of about 5 per cent for each inch of vacuum between 25 and 27 in., 6 per cent between 27 and 28 in., and 8 to 12 per cent between 28 and 29 in. Suppose you have an 800-hp turbine using about 10,000 lb. of steam per hr. at 28-in. vacuum. If the vacuum drops to 25 in., this machine uses about 1600 lb. more steam per hour, which requires 160 lb. more coal at a 10-lb. evaporation rate. Cleaning condenser tubes is a tough job sometimes, but you cannot afford not to keep them clean.

Many plants operating reciprocating engines have not indicated the engines for proper valve setting for years. Many of these engines are using from 25 to 50 per cent more steam than they should.

Study your plant load. Peak loads require a lot more coal. Study steam consumption and operating schedules of all machinery in engine room and plant. Enlist the aid of the plant superintendent and foremen in working out an operating schedule that gives the most uniform steam-flow chart possible. This will save coal, cast iron and steel, and brickwork, as well as a great deal of maintenance labor. Meanwhile steam costs will go down.

, 1946

"Savings that put money in your pockets!"



GARLIC & ONION

STANDARD STRENGTH

Here is a way to improve your products and at the same time reduce your manufacturing costs! Garlic and Onion Juices are definitely more economical to use . . . labor costs are cut to a minimum (no peeling etc.) . . . market prices are more stable and shrinkage and spoilage during storage are practically eliminated. Not only will you realize a savings in costs but will also attain a product that is superior in quality! Standard strength Onion and Garlic Juices are dependable the year around ... their usage assures a uniform, full, natural flavor and fine subtle aromas. Try them! Garlic, 1 gal.-\$2.50; Onion, 1 gal.—\$1.25.

* For dehydrated food products where garlic and onion are used, genuine garlic oil and onion oil produce the best results.

VEGETABLE JUICES, INC.

664-666 W. HUBBARD ST. CHICAGO 10, · ILLINOIS

Better Combat Rations

(Continued from page 15.)

ground meat and spaghetti; pork and beans, and ham and lima beans. This list, of course, represents only the meat components of the menus. They are supplemented by such other essentials as biscuits, cereal, coffee product, chocolate drops, sugar, candy, jam, etc., to round out a well-balanced diet.

The revised-and revitalized-C Ration was given its first test this summer when two companies of troops on maneuver in Colorado lived on the new fare for three months. They reported it to their liking, "especially the meat items." This trial procurement also gave manufacturers a chance to establish their production setups and iron out any incipient bugs. The new C Ration, 27 per cent of which is solids, is now on active duty on many fronts and winning new popularity daily, according to CQD which checks such things very closely.

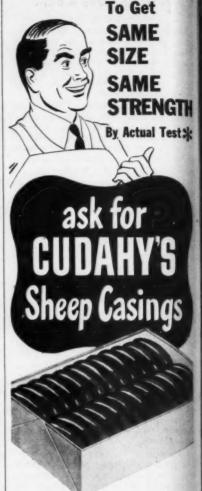
Another combat menu which has been improved in recent months is the "Tenin-One" ration, which is designed to serve ten men one day, or five men two days. It consists of five different basic menus, which means that troops living on this diet have the same menu only at six-day intervals, which is about par for the average restaurant.

Noon Meal Weak Link

Heretofore, the weak link in the Tenin-One ration was the noon day meal, known in the Army as dinner. This was due to the fact that the ration was aimed at feeding no less than groups of five. Patrols sent out during the day often travel in smaller parties than this, and even the larger units in advanced areas split up into small groups for mess during the day to reduce the possibility of casualties should an enemy shell strike among them. For this reason, K Ration, consisting primarily of potted meats in 4 oz. cans, was issued for mid-day consumption. It was not a particularly substantial meal for a hungry soldier.

Through the efforts of the Quartermaster Corps-again with the aid of the meat packing industry-K Ration has now been supplanted in this particular menu by a dinner which is an integrated part of Ten-in-One. It includes such tasty meat components as hamburger patties, pork and apple sauce, pork sausage patties with apples. pork and corn, and pork tenderloins. Because of certain current difficulties, this latter item has been temporarily replaced by beef and pork.

The manner in which the pork and apple sauce unit is prepared is of especial interest. Dehydrated apple nuggets (diced apple) are shipped to the meat packer where they are placed in 6-oz. cans with chunks of raw pork cut from fresh picnics or hams. The cans are sealed and sent to the retort where, during the cooking process, the juice from the pork is transferred to the diced apples, reconstituting them completely. The result is a delicious meal | 221 NO. LA SALLE STREET, CHICAGO 1, ILLI



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*When you ask for Cudahy's Sheep Casings—you get casings that have actually been tested for both strength and size. All Cudahy's selected casings undergo a rigid uniform test—are graded to a fraction of an inch by millimetric selection! So ask for Cudahy's selected casings to help cut breakage losses . . . get the exact diameter you specify . . . and make fine, smooth-looking sausage.

Cudahy Offers You Tested Quality and Also:

Over 79 different sizes from which you may order! Whatever type or size sausage you make, Cudahy has the hog, beef or sheep casings you need—including fine imported

Fast Branch Service - Still another region for choosing Cudahy's casings! You get good fast service from one of Cudahy's many branches. Your orders are filled promptly from stocks on hand:

Choose Cudahy's casings of tested uniform size strength, and quality.

as the writer can personally testify, having sampled it, along with many others, during a recent visit to the research laboratory. The same principle is employed in preparing the pork sausage patties and apples, although in this case the apples are partly reconstituted before cooking.

The morning and evening meals on the Ten-in-One Ration are also replete with tasty dishes. Included is dehy-

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	No. of Units	Weigh
Army spread :	2	3%
Park sausage links	2	32
fina beans	2	30
Santa	10	31/
Offee product	2	1
Ism with raisin sauce		34
wan with candied sweet potatoe		94
am		11
Pyrograted milk		
Pincapple rice pudding		4
margita		28
Pennixed cereal		10
smet chocolate bar		
Choos beverage		10
Salt		1
OT		*,
Engel		

In addition, Menu No. 5 (above), designed to sure ten men one day, includes a Partial Dinner Tait, consisting of two packages of biscuits, one raillis fudge, one package orange juice powder. 13 es. sugar, one stick chewing gum er two surrocated gum tablets, and one can key. Also included in the complete menu are: 10 cigarettes, 37 matches, two can oreners, 125 sheets tollet more, one cake soap, 50 water purification tablets, and 20 paper towels.

drated corned beef hash, which is packed in 13-oz. cans. By adding 1½ cans of water, the meat is reconstituted and sufficiently increased in volume to serve five men.

Specifications have also been written for improving K Rations. The meat components of this ration are planned include pork steaks, chip beef steaks. fried cured ham, chop suey and boned solid-pack chicken, all in 4-oz. cans.

Although, as this article has sought to point out, the Army Quartermaster Corps has gone far in improving combat retions, it is doing equally fine work in all phases of the Army feeding program. When the war started, the Army was buying fewer than ten different canned meat products. At the present time there are approximately 66 different canned meat products available for procurement by the armed forces. Whether at home or abroad, on active duty at the front or serving behind the lines, the soldier of this war is eating well and often, and getting high quality meat—canned, fresh or frozen. And his okay is all the tribute wanted, both by the Quartermaster Corps and the meat packing industry which serves his needs.

TO EDIT ASRE JOURNAL

J. Mack Tucker, associate professor of mechanical engineering at the University of Tennessee, has been appointed editor of Refrigeration Abstracts, new publication of the American Society of Refrigerating Engineers. While only two issues a year are contemplated at present, an expansion to six annual issues is planned after the war.



Wilson Financial Report

(Continued from page 17.)

are included with sales, as in 1943."

Revealing that Wilson & Co. had been able "to supply more meat to our home front than the year before and at the same time provide our share of increased government needs," Wilson informed stockholders that "we do not believe that any cancellations of contracts for government foods will result in financial loss to the company in view of the nature of the products, and also because we are carefully anticipating the problems of war contract termination and settlement."

The report paid tribute to the 8,300 Wilson & Co. employes in the armed services, and expressed deep regret that "already we know that 111 of them will not be back, and that many more will be unable to return to our ranks."

The expectation that the civilian meat supply problem will become more acute was indicated in the report, particularly since hog production has been greatly reduced. The possible increase in beef processing in 1945, as a result of further liquidation of beef cattle in substantial numbers, will probably not be sufficient to offset the decrease in pork supplies, stockholders were advised. Veal production may be larger, but less lamb and mutton is likely, it was said. Large quantities of meat and meat products will continue to be needed for American fighting forces and their allies, the report added.

Directors of Wilson & Co. include Robert F. Carr, James M. Hopkins, Martin H. Kennelly, William L. Kleitz, Frederick M. Peyser, A. A. Sprague, Elmer T. Stevens, E. R. Tinker, Edward Foss Wilson and Thos. E. Wilson. Officers are: Chairman of the board, Thos. E. Wilson; president, Edward Foss Wilson; vice presidents, James D. Cooney, Frank K. Foss, J. A. Hamilton, W. S. Nicholson, Gerald B. Thorne and Harry J. Williams; comprtoller, W. D. Hoffman; treasurer, P. W. Seyl; secretary and assistant treasurer, Geo. D. Hopkins; assistant treasurer, B. Kaufmann; assistant secretaries, A. K. Gembick and C. R. Harriman.

TRADE POINT TABLE CHANGE

In Amendment 25 to Second Revised Supplement 1 to RRO 16, which became effective January 11, important sections of restrictive and definitive text on the official table of trade point values were amended as follows:

a) The text under the heading "veal (including kosher)" was amended by substituting the figures 5.0 for the figures 0.0 opposite the item "stew meat (shoulder)" in the group "fabricated veal cuts."

b) The text under the heading "sausage (items not covered in detailed chart)" is amended by deleting the words "chili con carne and" under item "fresh, smoked, and cooked sausage"

c) Footnote No. 5 (beginning with the words "Percentages based weights") is amended by deleting the second sentence (beginning with the words "To determine in what group and substituting the following therefore to the second sentence only foods covered by RRO 1 with a point value higher than zero.

d) The heading "meats in tin or glacontainers" is amended by adding the words "including brick" at the enthereof.

SEES "FLOOD OF TIRES"

A "flood of tires in the spring" was predicted this week by Fred C. Crasford, former president of the National Association of Manufacturers, in testifying before a congressional committee on manpower. The tire situation is insproving rapidly, Crawford said, attributing the present shortage to a lack of machines. "But that is coming along," he added.

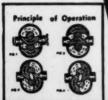
Crawford's opinion is in direct opposition to that of most authorities, including the B. F. Goodrich Co., which has warned fleet operators that truck tire during the first quarter of 1945 will be in shorter supply than during the final three months of last year. This view is upheld by H. E. Batcheller, vice charman, War Production Board, who said recently that tires are the "most critical of all war items."

The latest and Modern Development in Positive type ...

SANITARY PUMP UNITS

A fully variable speed pump unit that is sanitary and at the same time compact . . . can be furnished with any size Bump Pump in either sanitary or portable units. This deluxe model Bump Pump unit provides a 4 to 1 speed variation simply by turning the hand wheel on the front face of the unit. Special gear arrangements within the unit provide for this easy change in speed that is also an accurate speed.





The gear and driving mechanism in the unit is all mounted on ball bearings and operates in sealed gear cases that are filled with oil, providing quiet and efficient operation. Standard motors without any special flanges or characteristics are used. Send now for new complete catalog describing

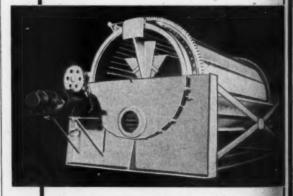
The Original Designer and Manufacturer who Introduced SUMP

The BUMP PUMP CO. WISCONSIN

THE NORTH SEWAGE SCREEN

* Stops Pollution!

* Saves By-Products!



- Prevents plugging of sewers and overloading sewage disposal plants
- Handles killing floor waste and paunch manua
- Built in sizes to fit your plant capacity

GREEN BAY FOUNDRY & MACHINE WORKS

401 So. Broadway, GREEN BAY, WISCONS
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Follow this worker and count the steps wasted





AND THEN BEGINS THE LONG HAUL . . .

LOSSES BY SPILLAGE MEAN THE SLOW LEAK OF MANY \$ \$ \$



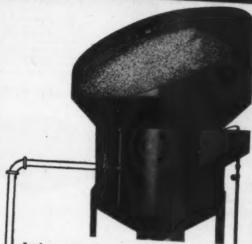
MORE BACK-STRAINING . MORE DELAY . . . MORE , WASTE . . . THAT CAN BE ELIMINATED

OF THE BRINE . WITH UNCERTAIN SATURATION



AND YOU HAVE TO REPEAT THIS LABOR-WASTING PROCESS FOR EVERY BATCH OF BRINE!

AUTOMATIC FREE-FLOWING BRINE SAVES WASTE!



Look at these advantages the Lixator brings you. 100% saturated, free-flowing brine of crystal clarity! Economy in its gravity flow . . in its mechanical perfection . . . in savings up to 20% . . . and in its utilization of economical Sterling Rock Salt! And remember—Lixate brine exceeds the most exacting chemical and bacteriological purity requirements.

SATURATED BEING ALWAYS ON THE for washing or brine curing HIDES AND SKINS SATURATED BRINE ALWAYS ON THE

for restrengthening your SPRAY DECK

The LIXATE Process for making brine INTERNATIONAL SALT COMPANY, INC. Scranton, Pa.

A "MUST" IN MEIPING YOU CUT COSTS—
THIS FREE BOOKLET! The Lixate process for making brine is explained in fullest detail, simply and comprehensively, in this 36-page, fully illustrated booklet. It's studded, with helpful diagrams, formulas, brine tables and illustrations of Lixator installations to meet many different specifications and requirements. There's a copy for you without charge, and of course without obligation. Write today!

International Salt Company, Inc. Dept. NP-1, Scranton, Pa.

☐ Send free copy of "The Lixate Process for Making Brine"

☐ Have	your field engineer call
Firm	



Set Up for Bottom Stitching

Wire stitching both top and bottom provides a uniformly secure closure and gives added strength and rigidity to the case.

BLISS TOP AND BOTTOM STITCHER

This Combination Stitcher Performs **Two Important Shipping Operations:**

- 1. Wire stitches the tops of BLISS BOXES after they are filled.
- 2. Wire stitches the bottoms and tops of regular SLOTTED CONTAINERS.

Many packers have found this double duty Stitcher to be economical and practical in Filling and Shipping De-partments where both the Bliss Boxes and regular Slotted Containers are filled and scaled.

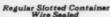
Ontainers are much and search.

This stitcher is specially suitable in the smaller shipsing departments where installation of separate top and
sortom stitchers is not warranted.

Change from top to bottom stitching requires only a

ASK FOR LITERATURE!









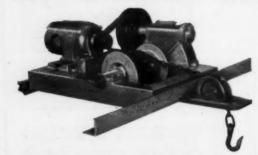
Set Up for Top Stitching

DEXTER FOLDER COMPANY

330 West 42nd St., New York 18, N. Y.

Chicago, 117 W. Harrison St. . Philadelphia, 387 Bourse Bldg. . Cincinnati, 1335 Paxton St.

'BOSS'' ELECTRIC BEEF HOISTS



These hoists are rapidly replacing the old-time cumbersome friction hoists which served their purpose well enough prior to the development of this new type. Users cannot fail to see the marked improvement embodied in these electric hoists.

> Durability in construction Simplicity in operation Positive control while hoisting

Another proof that "BOSS" gives Best Of Satisfactory Service

The Cincinnati Butchers' Supply Co.

General Office: Helen & Blade Sts., Elmwood Place, Cincinnati, Ohio Mail Address: P. O. Box D, Elmwood Place Station, Cincinnati 16, Ohio 824 Exchange Ave., U. S. Yards, Chicago 9, Ill.



Cleaning at Low-Cost

Such lard department equipment as galvanized steel drums. wooden tubs, rendering kettles . . . all call for different cleaning procedures requiring specially designed materials if the job is to be done quickly, thoroughly . . . economically.

Oakite Composition No. 24 applied with the Oakite Solution-Lifting Steam Gun Model No. 384 is recommended in this important clean-up work to remove carbonized grease and other heavy tenacious deposits. Drums and tube are easily cleaned with Oakite Composition No. 20.

Various Oakite materials and their proper use to shorten time and reduce cleaning costs are comprehensively described in a free 17-page Oakite Digest. Send for it today!

ASK US ABOUT CLEANING Hog Dehairing Machines **Cutting Tables**

> Conveyors Smoke House Drip Pans Cutters, Grinders

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Trolleys, All Types Gambrel Sticks

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OAKITE PRODUCTS, INC., 20A THAMES STREET, NEW YORK 6, N.T. Technical Service Representatives in All Principal Cities of the United States and Com

PROVISIONS AND LARD Weekly Review

WFA DECEMBER BUYING BELOW MONTH EARLIER

Meat and meat food product purchases by the WFA for use by lend-lease, territorial emergency programs, Red Cross activities and other purposes were in smaller volume for December than for a month earlier. Less frozen pork, canned pork meat, frozen beef and veal and lard were taken, while purchases of cured pork meats were about the same as in November. Buying of fats and oils was on a much larger scale in the final month of the year than for a month earlier.

Cost of meat products for the month was \$29,795,722, compared with \$45,118,965 in November. Expenditures for the year totaled almost \$500,000,000.

\$300 ,000,000.	Qu	antity-		-F.O.B	. Cost
at the and must	Dec., lbs.	Jan. 1, thru Dec. 31, 1944, lbs.	De 19	e., . 14	Jan. 1, thru Dec. 31, 1944
Livestock and meat					
Pork fromen Pork, sweet pickled and salted. Pork, barreled Pork smoked Beef and venl, fromen Beef, cured Lamb and mutton, fromen.	48,157,100 60,000	495,529,773 378,901,948 10,216,080 10,100,688 33,744,968 340,300 48,111,160	6,7	59,288 95,571 1,755 77,008	\$ 98,867,993 61,119,788 1,257,238 2,810,837 7,031,659 59,946 6,810,814
Canned meats Pork Beef Meat food prod. and rations. Vienna sausage and potted meat. Dried sausage Lard and rendered pork fat. Rendered beef suet. Hog casings Synthetic casings, pieces.	27,256,553 1,154,845 	476,162,173 45,355,845 6,707,918 28,927,301 328,800 808,777,157 1,832,790	2,8	17,951 98,088 07,349 82,320	174,212,013 14,132,948 2,140,187 9,022,043 128,763 114,038,671 309,867 7,059,030 21,478
			\$ 29,7	95,722	\$499,123,295
Fats and Oils					
Oleomargarine Shortening Corn oil Cottonseed oil Peanut oil Soybean oil	3,144,900 1,117 2,233	73,674,459 7,804,772 2,252 22,138 4,492 100,026,343	5	82,600 18,834 196 392	11,485,488 1,256,190 394 3,941 786 13,270,053

Dec. Canned Meat, Sausage Volume Up Despite Lower Kill

NOTWITHSTANDING the fact that slaughter of hogs in December, 1944, was sharply under the comparable period of a year earlier, production of canned meats and sausage was greater than for the same period of 1943. The great demand by all government agencies for these products encouraged inspected packers to process a much larger than usual share of their slaughterings in the form of sausage and canned meat.

All kinds of sausage were produced in larger volume in December, 1944, than a year earlier, with the greatest increase in smoked and/or dried. Total output of sausage was 141,241,000 lbs. against output of 122,389,000 lbs. in December, 1943. Production for 1944 was slightly smaller than in 1943.

Canned meat output in December 1944, at 228,021,000 lbs. was considerably larger than the 195,418,000 lbs. produced a year earlier. Somewhat less pork was canned than during the same month of 1943, but production of all other classes, and especially soups, was

CUT-OUT RESULTS PRACTICALLY UNCHANGED THIS WEEK

(Chicago cost and prices, first four days of week.)

Slightly higher average costs for 220- to 240-lb. and 240- to 270-lb. butchers were offset this week by reductions in handling and overhead charges so that no change was registered in the cut-out results for these two weight ranges. Lighter hogs proved a little cheaper and the cut-

drums,

clean

ines

ting loss on this class was reduced slightly. However, all three weights continue deeply in the red with losses ranging from 90c to \$1.37 per cwt. The test illustrated here is only an example and packers should use their own cost and realization figures.

Pet.	iges. Digiter nogs proved a nec	ic che	wher a	iller citt	c cut-	OWIL	cost e	anu i	Caliba	tion ng	ures.				
Viv. fin. per wit. fin. alive fin. live		_	-180-220				2	20-240					140-270		lue
kinned hams 13.0 18.1 23.0 2.9 2.9 2.0 2	live wt.	fin.	per lb.	cwt.	fin. yield	live wt.	fin. yield	per lb.	cwt.	fin. yield	live wt.	fin.	per	cwt.	per cwt. fin. yield
Cwt. alive	nned hams nics	8.1 6.0 14.5 15.8 4.2 3.2 18.4 2.8 4.6 2.9	20.0 24.8 23.8 17.2 10.3 12.4 12.4 16.0 17.8	1.14 1.07 2.35 1.91 .30 .27 1.65 .26 .57 .12 .49	1.62 1.49 3.38 2.72 2.72 43 40 40 5 2.36 87 83 1.70 1.86	5.5 4.1 9.6 2.1 3.2 3.1 2.2 11.6 3.0 2.0	7.7 5.8 13.4 3.0 4.5 2.8 4.2 2.8	20.0 24.8 21.8 16.5 14.0 10.5 10.3 12.4 12.8 13.5 17.8	1.10 1.02 2.16 1.58 .29 .84 .82 .27 1.46 .22 .53 .11 .49	1.54 1.44 3.01 2.21 42 47 43 38 2.02 31 .75 .15 .69 1.82	13.0 5.4 4.1 9.7 4.0 8.6 4.6 8.5 2.2 10.4 1.6 2.9 2.0	7.4 5.7 18.4 5.5 12.0 6.4 4.8 8.1 14.5 2.2 4.1 2.8	20.0 28.7 20.7 15.2 14.0 11.0 10.8 12.8 12.0 17.8	2.96 1.08 .97 2.01 .1.20 .51 .22 1.33 .11 .51 .13 .13 .13	3 1.44 7 1.3 2.7 1 2.7 1 .8 0 1.6 1 .7 3 .5 7 .3 3 1.8 2 .2 .7 .1 .6 0 1.8
- Bargin last week	ndemation loss adling and overhead TAL COST PER CWT. TAL VALUE atting margin atting margin			**************************************	fin. yield \$21.90 20.61 \$ 1.29			\$14. \$14. \$15.1	75 75 98 96 95 95 95	fin. yield \$21.47 19.72 \$ 1.75			\$14. \$15. 18.	75 08 .48 .31 .04	Per cwt fin yield \$21.26 19.37 \$ 1.89



From 9 Layne Units

Late in 1942, Schenectady faced a water crisis. New war industries and increased population demanded more and more water. The old system was over-burdened. Reserve was diminishing a million gallons daily.

Layne was given a contract that covered wells, pumps, electrical equipment and other essential apparatus. Layne New York Company put full crews on the job and in record time completed two wells in time to prevent a crisis. Seven other wells and pumps were soon ready and in service, giving Schenectady 45,000,000 gallons of fine water daily—and at a saving of \$10,000 a year on operating cost.

Though constructed at extraordinary speed, operation was perfect and efficiency up to the guerantee. No other firm in America,—or perhaps in the entire world could have matched Layne's overall performance.

Layne Wells and Pumps are the world's finest in quality, efficiency, design and long life. For late literature address, Layne & Bowler, Inc. General Offices, Memphis 8, Tenn.

LAYNE PUMPS—fulfill every need for producing large quantities of water at low cost from wells, streams, mines or reservoirs. Send for literature.

AFFILIATE COMPANIES: Layne-Arkanas Co., Stuttgart. Art. * Layne-Atlantic Co., Norfolk. The Co., Lake Charles, La. * Louisiana Well Co., Monroe La. * Layne-Northweet Co., Minwaukee. Wib. * Layne-Northweet Co., Minwaukee. Wib. * Layne-Northweet Co., Minwaukee. Wib. * Layne-Northweet Co., Minkeet Co., Kanass City. Mo. * Layne-Western Co. of Minnesota, Minneapolis. Minn. * International Water Supply Lid., London, Ontarlo. Canada Co.



WELL WATER SYSTEMS VERTICAL TURBINE PUMPS

*MEAT PRODUCTS PROCESSED UNDER FEDERAL INSPECTION Dec. 1944 Dec. 1943 12 mos. 1944 12 mes. Her Meat placed in cure-117,781,000 2,688,100,000 9,524,000 3,646,502 m Smoked and/or dried-Fresh (finished) 41,706,000 Smoked and/or dried 87,834,000 To be dried or semi-dried 12,201,000 Total sausage 141,241,000 out, head cheese, chili con carne, jellied products, etc 18,163,000 acon (siled) 34,566,000 416,235,000 1,019,976,000 142,191,000 1,488,402,000 40,061,000 Cooked meat-Canned meat and meat food products-

These figures represent "inspection pounds" as some of the products may have been inspected as recorded more than once due to having been subjected to more than one distinct processing treatments such as curing first and then canning.

much larger. (Table immediately above.)

The great reduction in hog slaughter during the month greatly reduced output of lard and rendered pork fat. Processing totals of most other items were also smaller than a year earlier.

Totals for 1944 show that bacon output reached a new all-time high during the year. Slightly smaller volumes of sausage and canned meats were produced in 1944 than in 1943.

Supply and demand was pretty well matched in the by-products market this week. A fair volume of meat scraps moved at the ceiling. A range of prices continues to be quoted on dry rendered tankage with sales reported at all quotations.

PANAMA LIVESTOCK

There were 29,130 cattle and 22,153 hogs slaughtered in the Republic of Panama in the first six months of 1944, according to official statistics. For the first six months of 1944, imports included 250,566 kilograms of fresh beef and 128,316 kilograms of pork.

Jan. I Pork Storage Near Lowest for Date

STORAGE stocks of pork in the U.S. on January 1 were second smallest on record for that date, the Department of Agriculture reported this week. Holdings at 373,205,000 lbs. were only 55,150,000 lbs. larger than on December 1, and compared with a January 1 five year average of 519,778,000 lbs. Ordinarily the gain in storage stocks during December is one of the sharpest of the winter slaughter period.

Small gains were registered in all types of pork held in storage during the month of December. Frozen pork of January 1 totaled 134,935,000 lbs., a gain of about 28,000,000 lbs. over a month earlier. D.S. pork in cure and cured totaled 76,003,000 lbs., compared with 60,130,000 lbs. a month earlier and S.P. pork in cure and cured totaled 162,267,000 lbs., an increase of about 11,000,000 lbs.

Although cattle slaughter in December set a new record, the broad demand
(Continued on page 50.

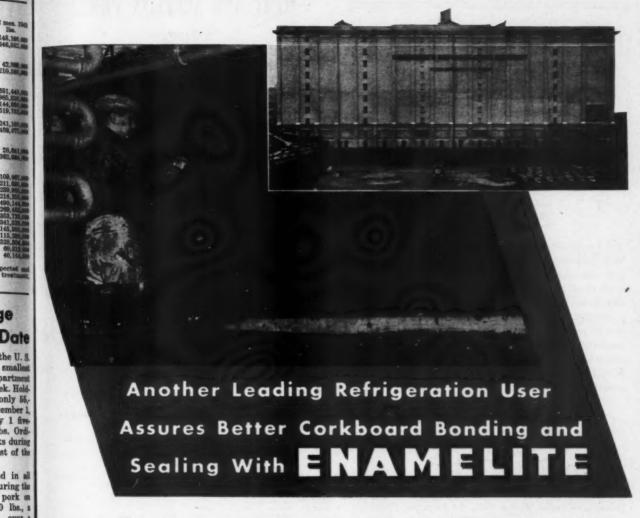
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LANCASTER, ALLWINE & ROMMEL
468 BOWEN BUILDING
ENDERSON & &C



he main plant of the Merchants Refrigerating Company in New York City recently made another large installation using Enamelite to bond and seal corkboard to the walls of refrigerated cold storage rooms. Many carloads of Enamelite were used on this job and in other Merchants plants in the New York Metropolitan area.

The insulation contractor was United Cork Companies, New York City, with P. B. Christensen vice-president and chief engineer

Here's another example of the wide acceptance of Enamelite, for over 15 years the superior asphaltic mastic compound used as an adhesive cement to set insulation, and as a waterproof finish on exposed surfaces. Enamelite assures perfect bonding and sealing, effectively preventing infiltration of moisture into cork walls. The result is more efficient refrigeration, lower maintenance expense, and longer insulation life.

Enamelite is completely waterproof, acid and brine resisting. As it is used cold, it avoids the fire hazard of heating conventional asphalt compounds.

It will pay you to obtain full information on all the advantages of Enamelite in assuring better bonding and sealing and longer insulation life. Write today for free booklet.



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demand

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ESSTITE ENGINEERING COMPANY

3966 Chouteau Avenue • St. Louis 10, Missouri

"Tortoise Salt" Hare S

A DIFFICULT PROBLEM in selling Diamond Crystal Salt is the apathy of food technologists and salt buyers toward salt. Too often they say, "Oh, well, salt is salt."



Take solubility: In salting butter, salt must dissolve with lightning speed. If the butter fat is on the soft side—lacking in body—at certain seasons, butter salt must dissolve so quiekly that over-working is avoided. Otherwise, the butter may lose its desirable physical properties and become mottled or marbled—and may lose its moisture, become leaky. Yet, if the salt is not properly dissolved, the butter may be gritty. On the other hand, in salting cheese, slow solubility of salt is highly important. Otherwise, salt is lost in whey, producing undersalted cheese.



To meet these problems, we have set up definite solubility standards for Diamond Crystal Salt. Our Diamond Crystal Butter Salt, for example, dissolves completely in water at 65° F. in less than 9.8 seconds average rate, 9.2 seconds. Yes, you can depend on Diamond Crystal products, manufactured under strict quality-control standards for solubility rate.



NEED HELP? HERE IT IS!

If salt solubility enters into your processing, drop a line to our Technical Director. He will be glad to recommend the correct grade and grain of Diamond Crystal Salt for best results in your plant. Diamond Crystal, Dept. I-6, St. Clair, Michigan.

DIAMOND CRYSTAL ALBERGER PROCESS SALT

MEAT AND SUPPLIES PRICES

Chicago

WHOLESALE FRESH MEATS

†Carcass Beef

Week ended January 17, 1945 per lb. r, hfr., choice, all wts. 20%, r, hfr., good, all wts. 20%, hfr., com, all wts. 17%, hfr., utility, all wts. 15%, com. & gd., all wts. 15%, com. & gd., all wts. 17% quarters, choice 23 uarters, choice 18%, hdq., commercial. 19 foreq., commercial.

tBeef Cuts

Steer, hfr., sh. loin, choice.
Steer, hfr., sh. loin, good.
Steer, hfr., sh. loin, com.
Steer, hfr., sh. loin, com.
Steer, hfr., sh. loin, util.
Cow, sh. loin, com.
Steer, hfr., round, choice.
Steer, hfr., round, good.
Steer, hfr., round, good.
Steer, hfr., rd., utility.
Steer, hfr., rd., utility.
Steer, hfr., loin, choice.
Steer, hfr., loin, commercial.
Steer, hfr., loin, commercial.
Cow, loin, commercial.
Cow, loin, commercial. Steer, hfr., loin, commercial...
Cow, loin, commercial...
Cow round, commercial...
Cow round, commercial...
Cow round, utility...
Steer, hfr., rib, choics...
Steer, hfr., rib, commercial...
Steer, hfr., rib, commercial...
Steer, hfr., rib, commercial... Steer, hfr., rib, commercial.
Steer, hfr., rib, utility.
Cow rib, commercial.
Cow rib, utility.
Steer, hfr., sir., choice.
Steer, hfr., sir., com.
Steer, hfr., sir., good.
Steer, hfr., cow fank.
Cow, sirioin, commercial.
Cow, sirioin, util.
Steer, hfr., cow fank steak.
Cow, sirioin, util.
Steer, hfr., reg. chk., choice.
Steer, hfr., reg. chk., choice.
Steer, hfr., reg. chk., good.
Cow, reg. chk. choice.
Steer, hfr., c. e. chk., good.
Steer, hfr., c. e. chk., choice.
Steer, hfr., e. e. chk., com.
Steer, hfr., e. c. chk., choice.
Steer, hfr., foreshank.
Cow foreshank Steer, hfr., c. c. chk., com.
Steer, hfr., c. c. chk., utility.
Cow, c. e. chk., commercial.
Cow foreshank
Steer, hfr., brisket, good.
Steer, hfr., brisket, good.
Steer, hfr., brisket, utility.
Cow, br., commercial.
Cow, br., commercial.
Cow, br., this commercial.
Cow, br., this commercial.
Cow back, commercial.
Cow back, commercial.
Cow back, utility.
Steer, hfr. arm chk., choice.
Steer, hfr. arm chk., choice.
Cow arm chk., utility.
Steer, hfr. arm chk., commercial.
Cow arm chk., commercial.
Cow arm chk., commercial.
Cow arm chk., commercial.
Cow sh. pl., commercial.
Cow sh. pl., commercial.

†Quot. on beef items include permitted additions for some 5, plus 25c per cwt. for local del.

Veal-Hide on

*Beef Products

Brains
Hearts, cap off.
Tongues, fresh or fros.
Tongues, can., fr. or fros.
Sweetbresds
Ox-tails, under % ib
Tripe, excided
Tripe, cooked
Livers, unblemished
Kidneys

*Veal Products

*Prices carlot and loose basis. lots under 500 lbs. add \$0.625, packing in shipping containers, per cwt.; in 5 lb. container (av breads, brains & cutiets only) \$2

**Lamb

. 3
. 3
3
. 2
. 2
. 1

**Mutton

		-	-	_	7	-	•	-	-	_					
boice sheep															Jim.
lood sheep				ĸ				*	*			*			.1186
choice saddle	8		*		8		*		×	*1		6			-3300
Good saddles			è	×		*			×	*					.148
choice fores															
Good fores .															.500
futton legs.	el	he	oi	e	9									9	1000
dutton loins,	-	el	10	oi	C	8									100

**Quot. on lamb and mutten at Zone 5 and include 10c for size ette, plus 25c per cwt. for del.

\$P

Nitria
Salt;
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Salt;
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Co
Salt;
Supplies

Fresh Pork and Pork Product
Reg. p. loins, und. 12 lbs. av24
Tenderloins, 10-lb, cartons
Tenderloins, loose
Skinned shidrs., bone in
Boston butts, 4/8 lbs
Boneless butts, c. t
Pigs' feet 4
Kidneys
Brains
Ears 8
Snouts, lean out
Heads
Chitterlings
Tidbits, hind feet
*Prices carlot and loose basis.

WHOLESALE SMOKED **MEATS**

Quot. on pork items include all 50c per cwt. for Zone 3, minus 20 per cwt. for sales in lots under 5,00 lbs.

*VINEGAR PICKLED PRODUCTS

		200-lb.						
Reg.	tripe.	200-11	bbl	١	. *			21.00
Hone	y, tri	pe, 20	0-lb.	ы	bì			31.W

*BARRELED PORK AND

Clear fat back pork:	3.2
70- 80 pieces	\$33.0
80-100 pieces	21
100-125 pieces	
Cl. plate pork, 25-35 pcs	
Brisket pork	
Plate beef, 200 lb. bbls	84
Ex. plate beef, 200 lb. bbls.	CAR SE

*Quot. on pork items are for in than 5,000 lb. lots and include a permitted add., except boxing as loc. del.

SAUSAGE MATERIALS

Carlot basis, Chgo. zone, loose bash
Reg. pork trim. (50% fat) 175
Sp. lean pork trim. 85%
Ex. lean nork trim, 95%
Pork cheek meat.
Pork livers, unblemished
Roneless hall meat
Roneless chucks
Shank meat
Reef trimmings
Dressed canners
Dressed cutter cows
Dressed hologna bulls
Pork tongues

†Quoted below ceiling.

DRY SAUSAGE

overelat,	èh	in	bog		bu	ng	3.			.88
Shoringer.										.81
Parmer .	****		***			• •				.41
Helsteiner			000		000		0 0		00	54
R. C. sale	ami,	CH		0.0						39
B. C. san	rlo s	nla	ml.	4	h.	**	**			.63
Bamparon				0.0						. 50 1/4
se mendall	a 71	e.						-		. 22%
Grantonia	(60)	oke	a)							.48%
Prescuitte	ha ha	ms	0.0						0.0	.36%
Mertadelli Cappicola Prescuitte	(60)	oke	a)							. 48 %

IDOMESTIC SAUSAGE
(Quotations cover Type 2)
Pork saus., hog casings29%
Pork saus., bulk
Peankfurts, in hog casings 25%
Belowns, nat, casings
Belogna, art. casings
Liver saus., fr., hog casings22%
Sukd. liver saus., hog bungs24%
Head cheese
Miscod lunch., nat. casings 25 %
Tengue and blood
Ganne
Polish sausage

CURING MATERIALS

90111111	0-4
	Cwt.
Nitrate of sodn (Chgo, w'hse)	
is 425-lb. bbls., del	8.75
faltpeter, n. ton, f.o.b. N. Y.:	
Dbl. refined gran	8,60
Small crystals	12.00
Medium crystals	13.00
Large crystals	14.00
Pure rfd. gran. nitrate of soda.	4.00
Pure rfd. powdered nitrate of	4.00
solaunq	hatan
falt, in min. car of 80,000 lbs.	ancen
only, f.o.b. Chgo., per ton:	
Granulated, kiln dried	6 70
Medium, kiln dried	12.70
Bock, bulk, 40 ton cars	8.80
Sugar	
Raw, 96 basis, f.o.b.	
New Orleans	3.74
Standard gran., f.o.b. refiners	
(2%)	5.50
Packers' curing sugar, 250 lb.	
bars, f.o.b. Reserve, La.,	
less 2%	5.15
Dextrese, in car lots, per cwt.,	
(cotton)	4.80
in paper bags	4.75
m bahar andarressaria	
SPICES	
(Basis Chgo., orig. bbls., bags, b	ales.)
Whole C	

hagis

KED

B lba., 26% B lba., 26% Tho., 26%

LED

AND

IALS

...17%

20, 198

(Basis Chgo., orig. bbls., W	bags,	bales.) Ground
Allspice, prime	26	80
Resifted	21	31 41
Powder		41
Cloves, Amboyna Zanzibar	40 23	46
Ginger, Jam., unbl	311/2	
Mace, fcy. Banda1.		1.19
B. & W. I. Blend		85
No. 1		34
East Indies	50	22 61
Nutmeg, fcy. Banda E. & W. I. Blend	55	68
Paprika, Spanish		- 55
Red No. 1		32
*Black Malabar	11	15
*Black Lampong Pepper, wh. Sing	12%	13%
Muntok Packers		481/
		15%
*Nominal quotations.		

(F. O. B. Chicago)
(Prices quoted to manufacturers
of sausage.)
Beef casings:
Domestic rounds, 1% to
11/ in 100 mask 17 (000
1% in., 180 pack17 @20
Domestic rounds, over
11/2 in., 140 pack35 @38
Export rounds, wide,
Export founds, wide,
over 11/2 in
Export rounds, medium,
1% to 1% in25 @30
Export rounds, narrow,
and the same same same same same same same sam
1% in. under 30
No. 1 weasands 5 @ 6
No. 2 weasands 4
No. 1 bungs16 @18
No. 1 budgs to the
No. 2 bungs 10 @12
Middle sewing, 1%@
2 in
Middles, select, wide, 2@
Ariddies, seiect, wide, 24g
2¼ in
Middles, select, extra,
2¼ x2½ in 95
361331
Middles, select, extra,
2½ in. & up 1.25
Dried or salted bladders,
per piece:
10 25 face.
12-15 in. wide, flat
10-12 in. wide, flat 5 @ 61/4
8-10 in wide flat 98 @ 317
fl. S in wide flat 2 4 28/
e. c tur mane, mar a ff 74
Hog casings:
Extra narrow, 29 mm. &
dn2.25@2.35
Nagrow mediums 90@99
Narrow mediums, 29@32 mm
mm2.25@2.85
Medium, 32@35 mm1.85@2.00
English, medium, 35@38
mm
Wide, 38@43 mm1.55@1.65
Extra wide, 43 mm1.45@1.60
Export bungs 22
Lance prime house 10 COO
Large prime bungs 18 @20
Medium prime bungs11 @12
Large prime bungs18 @20 Medium prime bungs11 @12 Small prime bungs8 @ 9
Middles, per set20 @21
aridates, per sec

	Whole	Ground for Saus.
Caraway seed	. 88	96
Cominos seed	. 23	26
Mustard sd., fcy. yel.		
American	. 14	
Marjoram, Chilean		44
Oregano	13	17

White animal fat1	
Water churned pastry1	数
Milk churned pastry	81%

GET HIGHEST PRICES ALLOWED

Today your customers demand the best. **NEVERFAIL 3-Day Ham Cure enables** you to turn out a supremely good prodact . . . a ham that readily commands the highest price you are permitted to ask. Only NEVERFAIL 3-Day Ham Cure gives you that fragrant, aromatic, pre-seasoned goodness. Write us!



SAUSAGE CASINGS

(F. O. D. Unicago)	
(Prices quoted to manufactu	irers
of sausage.)	
Beef casings:	
Domestic rounds, 1% to	
1% in., 180 pack17	@20
Domestic rounds, over	-
1% in., 140 pack35	@38
Export rounds, wide,	600
over 11/4 in	@46
Export rounds, medium,	di zo
	000
1% to 1% in25	@30
Export rounds, narrow,	-
1% in. under	30
No. 1 weasands	@ 6
No. 2 weasands	4
No. 1 bungs16	@18
No. 2 bungs10	@12
Middle sewing, 1%@	-
2 in	@60
Middles, select, wide, 2@	
2¼ in00	60.65
Middles, select, extra,	@ oo
21/4 x21/4 in	95
Middles, select, extra,	00
2½ in. & up	1.25
Dried or salted bladders.	1.40
per piece:	
	100
12-15 in. wide, flat 73	200 0
10-12 in. wide, flat 5 8-10 in. wide, flat 24 6- 8 in. wide, flat 2	SE 0/9
8-10 in. wide, nat 29	4 de 279
0- 8 In. Wide, mat 2	包 2%
Hog casings:	
Extra narrow, 29 mm. &	
dn2.2	15 @ 2.35
Narrow mediums, 29@32	
mm	25@2.85
Medium, 32@35 mm1.8	35@2.00
English, medium, 35@38	

SEEDS AND HERBS

	Whole	Ground for Saus.
Caraway seed	88	96
Cominos seed	23	26
Mustard sd., fcy. yel	25	
American		
Marjoram, Chilean	38	44
Oregano	13	17

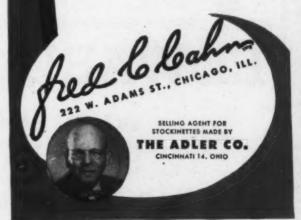
OLEOMARGARINE

White domestic vegetable19	
White animal fat16%	
Water churned pastry18%	
Milk churned pastry	
. elecance elbendantea	

VEGETABLE OILS
White, deodorized, summer oil, in tank cars, del'd Chicago14.63
Yellow, deederized, salad or win- terized oil, in tank cars, del'd.
Chicago
Cents per lb. dlvd. in tank cars. Cottonseed foots, basis 50% T.F.A.
Midwest and West Coast3½ East3%
Corn foots, basis 50% T.F.A.
Midwest
Soybean foots, basis 50% T.F.A. Midwest and West Coast3%
East
mills, Midwest
Manufacturer to jobber prices, f.o.b.
manufactures to Jobber Prices, 1.0.0.

Adler Stockinettes do their job perfectly because they are quality controlled by rigid inspections during their entire manufacture. They're made of best selected cotton-in sizes readily adaptable to the piece of meat to be covered. Come packed in cartons or new burlap only. The best protection for best meats.

* While the Armed Forces and lendlease are taking most of our present production, we should like to discuss your needs for the future. Won't you get in touch with us?



PROTECT BEST

BEEF - VEAL - PORK

VICTORY BEEF SHROUDS



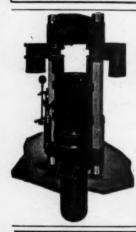
CINCINNATI COTTON PRODUCTS CO.

CINCINNATI, OHIO

WESTON TRUCKING & FORWARDING CO.

Specializing in Trucking Packinghouse Products Throughout New York Metropolitan Area

53 Gilchrist Street Jersey City, N. J.



The New

FRENCH CURB PRESS

Will Give You

MORE GREASE PURER GREASE LESS REWORKING GREATER CLEANLINGS

We invite your inquiries

The French Oil Mill Machinery Company

ua

MARKET PRICES New York

DRESSED BEEF CARCASSES

City Dressed

		choice					
		good					
		commercial.					
		utility					
Cow,	COMMEN	cial	•	ø	•	•	.IS

The above quotations do not include charges for koshering but do include 50c per cwt. for delivery.

KOSHER BEEF CUTS

Steer.	hfr.,	trl.	, eho	ice		 .21
Steer.	hfr.,	tri.,	good.			 .20
Steer,	hfr.,	trl.	. con	merc	dal.	 .19
Steer,						
Steer,	hfr.,	reg.	chk.,	choi	ce	 .24
Steer,						
Steer,						
Steer,	hfr.,	reg.	chk.,	utilii	y	 .18
-	-					

Above quot. include permitted ad for Zone 9, plus \$1.50 per cwt. f koshering plus 50c per cwt. for le dal.

dal.							
Steer.	hfr.,	rib.	choice.			. 25	13
			ood				
Steer,	hfr.,	rib,	commer	cial		.22	14
			stility.				
			choice.				
			good.				
			comme				
aseer,	MIT.,	DUM,	utility		 0.	.21	2

Above prices are for Zone 9, plus 50c per cwt. for del. Add, for kesh. cuts, where permitted, are not included in prices.

*FRESH PORK CUTS

44 600763
Pork loins, fr., 12 lbs. dn233
Shoulders reg
Butts, reg., 4/8 lbs249
Hams, reg., under 14 lbs22
Hams, skinned fresh, under
14 lbs
Display de home in 188
Ficules, Ir., bone in
Pork trim., ex. lean
Pork trim., reg
Spareribs, med
Cit
Pork loins, fr., 10/12 lbs265
Chauldons may 918
Butta honologa C T
Hame yes and 14 lbs 921
Tiams, reg., unu. 14 lbs
Hams, sand., und. 14 108
Picnics, bone in
Butta, beneless, C. T
Pork trim., reg
Spareribs, med
Roston butts 4/8 the 278

*COOKED HAMS

	Ckd, hams,		
l	S/dn Ckd. bams.		43
			465

*SMOKED MEATI

Reg. hams, under 14 lbs
Reg. hams, 14/18 lbs
Reg. hams, over 18 lbs
8kd. hams, 14/18 lbs
Skd. hams, over 18 lbs
Picnics, bone in
Picnics, bone in
Bacon, city, 8/12 lbs
Beef tongue, light
Beef tongue, heavy

*Quotations on pork items are to less than 5,000 lb. lots and include all permitted additions.

DRESSED HOGS

Hogs,	gd	. &	ch.,	h	d	•	n	ı,	H		f	R	t	1	
Jan.	17	, u	nder	8	H	1	b	ø						4	\$19.65
81	to	99	lbs.							*			ė.		19.00
100	to	119	lbs.			*									19.00
120	to	136	lba.												19.71
137	to	153	lbs.												19.66
154	to	171	lbs.												19.0
172	to	188	lbs.		4			0							19.87

*DRESSED VEAL

Hide off

Choice, 50@275				
Good, 50@275 1 Commer., 50@27				.111
Utility, 50@275				
			-	

*Quot. are for sone 0 and include 50c for del. An additional 1/2c per cwt. permitted if wrapped in stationates.

DRESSED SHEEP AND

Lamb,	choice																		.27	1
Lamb,	good																		.38	
Lamb,																			.33	
Mutton	, gd.	đ	ķ		c	h		19	٠	٠	4		4		•		٠	*	.15	ì
Mutten	, util.		đ	8	4	3	В	IJ	0					•		9	*	•	-13	2
	_											ð								

Quotations are for some 9.

FANCY MEATS

Tongues, Type A	8
Sweetbreads, beef, Type A	g
Sweetbreads, veal, Type A	
Beef kidneys	
Lamb fries, per lb	ū
Livers, beef, Type A	B
Oxtails, under % Ib	Ľ

Prices 1. c. 1. and loose basis for zone 9. For lots under 500 lbs. all

BUTCHERS' FAT

61,606,000

DV	u	ı	•	21	1	И	L	6	2	LWI		
Shop fat										\$3.25	per	CWL
Breast fat										4.25	per	cut
Edible suct										5.00	per	CWL
Inedible sue	ŧ									4.75	per	cwi.

CHICAGO PROVISION SHIPMENTS

Provision shipments from Chicago for the week ended

January	10,	1940,	were	reported	ars	TOHOM	В.
					Jan	Veek uary 13	Previous week
Conned mes	400	nonnda			25 6	47.000	91 858 000

EDWARD KOHN CO.

Established 1920

WHOLESALE MEATS

- Ample experience with the trade in this area
- Well qualified to represent beef, veal and pork packers
- Cooler Facilities for Assembling and Distributing All Products
 Mixed Car Lots

3843 EMERALD AVE., CHICAGO 9, ILL.

Phone: YARDS 3134

CHICAGO PROVISION MARKETS

ork

k ended

134

20, 1046

From the National Provisioner Daily Market Pervice

CASH PRICES		BELLIES	
CASH PRICES		(Square Cut Soedle	en)
CARLOT TRADING LOOSE, F.O.B. CHICAGO OR CHIC	BASIS,	Fresh or Frozen 6-8 174	Cured
BASIS		8-10 16%	1814 17% 17%
THURSDAY, JANUARY 18, Top figures represent O.P ceilings.	.A.	12-14 1514 14-16 1514 16-18 1414	16% 16% 15%
REGULAR HAMS		D. S. BELLIES	
Fresh or Frozen	8.P.	Clear	Rit
3-10 21 ½ 10-12 21 ½ 12-14 21 ½ 14-16 20 ¾	21 1/2 21 1/2 21 1/2 20 %	18-20 14¼ 20-25 14¼ 25-80 14¼ 30-85 14¼	14 1/4 14 1/4 14 1/4
BOILING RAMS		35-40 14¼ 40-50 14¼	14%
Fresh or Frozen	S.P.	40-50 14%	14.30
16-18 20 % 18-20 19 % 20-22 19 %	20% 19% 19%	GREEN AMERICAN B	13%
SKINNED HAMS		20-25	13%
Fresh or Fresen	S.P.		
19-12 23 1/4	28 1/4	FAT BACKS	
14-16 22%	22%	Green or Frozen	Cure
16-18 22%	22 %	6-8 1034	10%
18-20 21 % 20-22 21 %	21%	8-10 1014	10%
22-24 21 %	21 %	12-14 10%	10%
24-28 21%	21%	14-16 10%	10%
25-80 21%	21%	16-18 11 %	11%
25/up 21%	21%	18-20 111/4	11%
PICNICS		20-25 111/4	11%
Fresh or Frozen	8.P.		
4-6 19%	19%	OTHER D. S. MEA	ITS
6-8 19%	19%	Fresh or Frozen	Cure
8-10 19%	19%	Regular plates 1014	11
10-12 19%	19%	Clear plates 9 1/2	10
12-14 19%	19%	Jowl butts 91/4	10
Short shank %c over.		Square jowls11	12

FUTURE PRICES

MONDAY, JAN. 15, THROUGH FRIDAY, JAN. 19, 1945

LARI	D													
Jan.		0	٥	۰	0	0					No	bids	or	offerings
Mar.		0							 	.1	No	bids	OF	offerings
May								0			No	bids	OF	offerings
July		۰					9				No	bids	or	offerings

WEEK'S LARD PRICES

Prices of prime steam lard:

		P.S. Lard Loose	Raw Leaf
	1513.80 1613.80		12.75n
Jan.	1713.80 1813.80		12,75n 12,75n
	1013.80	12.80b	12.75n

Packers' Wholesale Prices

Refined 1	ard tierces, f.o.b.
Chicago	C. L14.55
Kettle re	nd., tierces, f.o.b.
Chicago	C. L
Logf, ket	ttle rend., tierces,
f.n.b. (Chicago C. L
Neutral.	tierces, f.o.b.
Chicago	C. L
Shortonin	g, tierces, c.a.f16.50
Owner oculting	s, Herces, C.B.I

EASTERN FERTILIZER MARKETS

New York, Jan. 17, 1945 By-product markets were active and strong with sales of cracklings at \$1.15, f.o.b. New York, and sellers asking \$1.20. Some producers feel

ceiling of \$1.25 shortly. Wet rendered tankage sold at \$5.25, f.o.b. New York, with additional offerings at this figure.

the market will go to the full

FERTILIZER PRICES

BASIS NEW YORK DELIVERY

Ammonium sulphate, bulk, per

ton, basis ex-vessel Atlantic
ports\$29.20
Blood, dried, 16% per unit 5.53
Unground, fish scrap, dried,
11% ammonia, 16% B. P. L.,
f.o.b. fish factory 4.75 & 10c
Fish meal, foreign, 111/2 am-
monia, 10% B. P. L., c.i.f.
spot
January shipment 55.00
Fish scrap (acidulated), 7% am-
monia, 8% A. P. A., f.o.b.
fish factories4.00 & 50c
Soda nitrate, per net ton, bulk,
ex-vessel Atlantic and Gulf
ports 30.00
in 200-lb. bags 32.40
in 100-lb. bags 33.00
Fertilizer tankage, ground, 10%
ammonia, 10% B. P. L.,
bulk4.25 & 10c
Feeding tankage, unground, 10-
12% ammonia, 15% B. P. L.,
bulk 5.25

Phosphates

Bone meal, steam, 3 and 50	
bags, per ton, f.o.b. works	\$42.00
Bone meal, raw, 41/2 % and 50%,	
in bags, per ton, f.o.b. works.	40.00
Superphosphate, bulk, f.o.b.	
Baltimore, 19% per unit	.65

Dry Rendered Tankage 45/50% protein, unground.....\$ 1.20

CALIF. SLAUGHTER

State-inspected kill of livestock for December 1944:

																						No	
Cattle							0	0					0	0		0		٥	0			.14,4	41
Calves	-			0		0		0	0	0		0	0		0	0	۰		0			.18,6	192
Hogs .	 			0	0	0	٥	0	0	٥	0		a		0	0		0	0	0		. 13,9	162
Sheep		 9	0	0	0	0	0	0	n	0	٥		0	0	0	0	0	0	0	٥	0	.17,4	46

Meat food products produced during the month were:

			Lbs.	
Sausage		 	.1,811,768	
Pork and	beef	 	.2,097,883	
Lard and	substitutes.	 	. 151,166	
Total .		 	.4,000,817	



Right -SIZE -QUALITY -PRICE

SAUSAGE

EARLY & MOOR INC.

BOSTON, MASS.

"The Skins You Love to Stuff"

BY-PRODUCTS—FATS—OILS

TALLOWS AND GREASES

TALLOWS AND GREASES.—There has been no decided change in the condition of the tallow and grease market. Supplies continue to run far short of needs and production is considerably lighter than at the same time last year. There are rumors of some changes in government controls, but officials have denied that any revisions will be made in the near future. The grease market is in a much tighter position than the tallow market. Hog slaughter continues to run about 25 per cent under a year ago, which compares with the reduction in the spring pig count of 1944. This reduction is expected to continue for the balance of the winter and may be even more severe next spring. Tallow output is light due to the small number of long fed steers now being killed.

Even though market conditions were tight, almost every grade of tallow and grease appeared on the selling list this week. Fancy tallow was reported at 8%c; choice, 8%c; special, 8%c, and lower grades all at full ceiling rates. Grease sales included A-white at 8%c; B-white, 8%c, and other grades all at respective ceilings. All prices are f.o.b. shipping point.

STEARINE.—This market continues on a nominal basis. Production is reported to be very light and practically nothing is offered on the market. Quotations remain at ceiling levels for all grades.

NEATSFOOT OIL.—Prices quoted at ceiling and offerings practically nil.

OLEO OIL.—No trading in any volume reported, with quotations nominal at ceiling prices.

GREASE OILS.—Trading is moderate to light with prices showing no change. Movement is reported for practically all types of oil. No. 1 oil is 14c; prime burning, 15%c, and acidless tallow oil, 13%c.

VEGETABLE OILS

Recent government reports on supply conditions have definitely been on the bullish side and trade members feel that the various vegetable oils will be on the firm side for many months to come, regardless of war developments. The government has warned that production of fats and oils this year will be far under last year and with demand as broad as ever, there will be a continued shortage in the market for a long time. There was nothing in the way of news this week to ease the tight situation and all prices remained at ceiling levels with demand very strong for all offerings. Lend-lease deliveries of fats and oils during December amounted to 18,603,385 lbs., while during 1944 a total of 457,111,242 lbs. was delivered for shipment overseas.

SOYBEAN OIL.—The market has been extremely tight again this week. There was a moderate amount of trading for shipment in the latter half of the year, but some processors are sold out for the greater part of 1945 at the present time. Most of the selling is as of the ceiling price at time of shipment.

PEANUT OIL.—Crushings are reported to be moderate but practically all oil is going on previous commitments. Offerings will be light until government controls are eased, trade members report.

OLIVE OIL.—The eastern olive oil trade is watching closely for news relative to the progress of the cargo of Spanish olive oil, which is headed toward an eastern U. S. port. Demand continues good on domestic oil but supply is limited and offerings nil.

COTTONSEED OIL.—Cottonseed oil consumption for the month of December was reported to be 237,488 barrels, as compared with 272,388 barrels in November and 246,175 barrels a year earlier.

BY-PRODUCTS MARKETS

Supply and demand were prety evenly matched this week. A good morment of meat scraps was reported a ceiling prices. Dry rendered tankage is still on a range of prices with all reported at all levels, including the ceiling.

Blood

Unit
B.D

Quoted delivered mid-west point basis.

Packinghouse Feeds

							Der 5
65%	digester	tankage,	bulk		 		876.N
60%	digester	tankage,	bulk		 		TLA
55%	digester	tankage,	bulk		 		65.0
50%	digester	tankage,	bulk		 		10.2
45%	digester	tankage,	bulk		 		54.8
50%	meat, be	one meal	scraps,	bulk	 		78.0
†Bloc	odmeal	********			 		29.4
Speci	ial steam	bone-me	al		 10.0	004	955.00
-							

†Based on 15 units of ammonia.

Bone Meal (Fertilizer Grades)

				Per tec
Steam,	ground,	8	æ	5035.00@36.00
Steam,	ground,	2	A	26

Fertilizer Materials

High grade tankage, ground	Per ton
10@11% ammonia\$	3.85@ 4.m
Bone tankage, unground, per ten	30.00@8LM
Hoof meal	4.25@ 4.8

Dry Rendered Tankage

**Hard	pressed as	nd expeller	unground	Fer sait
55%	protein or	less		.\$1.15@LM
55 to	75% prote	in		1.20013

**Quoted under ceiling, del'd. mid-west pobli

Gelatine and Glue Stocks

Calf	trimmings	(limed)		
Hide	trimmings	(limed)		
Sinev	vs and pizzle	s (green,	salted)	1.00
				Puz tut
Cattl	e jaws, skul	is and kno	ackles	\$15.0h
Pig s	kin scraps a	nd trim. I	per Ib	7%.07%

*Denotes ceiling price, f.o.b. shipping point.

Bones and Hoofs

	T. GT. sem
Round shins, heavy	\$70.00@M.M
light	76.00
Flat shins, heavy	65,00@36.W
light	M.M
Blades, buttocks, shoulders & thighs .	. 62.50@6LM
Hoofs, white	55.00@8T.M
Hoofs, house run, assorted	46.00
Junk bones	196,00
†Delivered Chicago.	

Animal Hair

Winter cell dried, per ten\$	8.8
Summer coll dried, per ton 35.	00 GILW
Winter processed, lb	3.0
Winter processed, gray, lb	150
Cattle switches	4.0 %

SAUSAGE CASINGS ANIMAL GLANDS Selling Agent • Order Buyer Broker • Counsellor Exporter • Importer SAMI S. SUENDSEN 2252 W. 111th PLACE CHICAGO 43, ILLINOIS

HIDES AND SKINS

Domestic hide markets quiet, awaiting new buying permits scheduled for Jan. 29-South American market moderately active.

Chicago

KETS

od move

orted at

nkage is

ith sales

ding the

Unit Aramoni

Carlois, per ter

..... TL04

..... SLM

50.00@15.00

Per ten

.35.00 @M.M

.35.00@M.M

Per ten

3.85@ 4.00

4.25@ 4.8

Per unit 1d ...\$1.15@1.3

.. 1.20@1.5

d-west point

Per est.

....... #

ing point.

.\$70.00@M.M

. 62,50**057.8**

.. 35.00@37,N

ry 20, 196

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Dreth

HIDES .- There was no activity apparent this week in the packer hide market, and none is expected until the next regular buying permits are released on Jan. 29, to be valid until Feb. 10. A few interim permits issued to upper leather tanners came to light late last week, these being issued to absorb some unsold offerings of small packer stock and light average country hides and to provide for the increased wettings asked of the tanners. Trading during the last active period pretty well absorbed the supply of packer hide offerings, and market is quotable at the full ceiling levels.

The small packer market, despite a fair increase in kill recently, is also quotable at the full maximum prices, as listed. This is the season of heavy slaughter in the country market, and it is probable that some country allweights may be carried over next month, especially where the average weight is too heavy for upper leather tanners, but in view of the general broad demand there is little likelihood of obtaining country all-weights under the ceiling of 15c, flat, trimmed, or 14c untrimmed, f.o.b. shipping points; brands are quotable a cent less.

Federal inspected cattle slaughter at 32 centers picked up sharply for the week ended Jan. 13, with a total of 234,004 head reported, as against 179,-453 for the previous holiday week; total for the same week a year ago was 221,181 head, as compared with 206,441 for the previous week.

The number of cattle on feed on Jan. I was about five percent larger than a year earlier, according to the Dept. of Agriculture. In the Corn Belt states the increase was six percent larger than a year earlier, being five percent below the record number on Jan. 1, 1943 but larger than in any other year. There was considerable alarm earlier for fear that these cattle would be marketed too early, due to the live price ceiling, but the \$18.00 per cwt. limit effective Jan. 29 until July 2 is expected to result in more normal marketing, with a consequent increase in the supply of packer heavy hides.

FOREIGN WET SALTED HIDES. There has been a fair business reported this week in the South American market at unchanged prices for hides moving to England and the States, and also to buyers who act at times for both, but details as to the division of purchases are not available. A total ef 14,000 light steers, 5,000 reject heavy and light steers, and about 15,000 standard steers of various descriptions were involved in the trading this week.

CALF AND KIPSKINS. - Packer and city calf and kipskins are quotable at full ceiling prices, with the market well cleaned up during the trading two weeks back. Country calfskins were also in demand at the ceiling price but country kips were comparatively slow, although firmly held at full maximum price. However, the peak of production is probably over for the present.

SHEEPSKINS. - Trade in packer shearlings has slowed down, with production now limited; the regular shearling buyers are inactive at this season but a spotty demand from mouton or fur buyers holds the market strong on current light production. A part-car lot No. 1's was reported this week at \$2.00 and market quotable in range of \$1.75 @2.15 for No. 1's, \$1.10@1.25 for No. 2's, and 90@1.00 for No. 3's, the two lower grades being scarce. Pickled skins are quotable at \$7.75@8.00 per doz. packer production sheep and lamb skins, with producers usually sold ahead of production at full individual ceilings by grades. Packer wool pelts are quoted \$3.70@3.80 per cwt. liveweight basis, with recent sales of Jan. pelts credited this basis; Dec. pelts range \$3.40@ 3.50 per cwt., with some sales mentioned at the top figure.

HIDE DEALERS AND BROKERS **FORM A TRADE ASSOCIATION**

Following an organization meeting on Monday, January 15, at 130 No. Wells st., Chicago, the National Hide Association has issued from its temporary address, 7 So. Dearborn st., Room 1034, Chicago 3, Ill., the following statement of its aims and plans:

The National Hide Association was enthusiastically organized at a meeting attended by most of the large operators in the trade on January 15, 1945. The urgent and permanent need for a trade organization to speak for and officially represent the collectors and sellers of this important commodity was recognized by this action. A few of the objects of the organization are summarized as follows:

1.-To organize on a national basis all hide dealers and hide brokers for the purpose of exchanging opinions and unifying for action to speak for and represent the industry before government bodies and any organization.

2.-To disseminate and distribute useful and necessary information to its members for their mutual benefit.

3.-To stimulate and maintain cordial and beneficial relations among its members, and hide producers, tanners and related industries.

The organization proposes to employ as full time executive director. Thos. F. Ryan, who will have permanent quarters and personnel assistance, so that the results of their work will be well established and continue to be of great benefit and advantage to its members long after the end of the war.

The yearly dues have been determined in accordance with the members' minimum car volume as follows:

The following persons constitute the membership committee: A. B. Reed, Joplin, Mo.; Sol Marx, Louisville, Ky.; Clarence Iden, Las Vegas, N. Mex.; Morris Sklut, Winston-Salem, N. Car.; Emil Feld, Milwaukee, Wis.; Abe Drasin, Grand Rapids, Mich.; Leslie Lyon, Kansas City, Mo.; Samuel Hodges, Boston, Mass., and chairman, Jack Weiller, St. Louis, Mo.

We invite you to join our group, and by so doing assist us in building up the recognition and prestige which the hide trade deserves.

CHICAGO HIDE MOVEMENT

Receipts of hides at Chicago for the week ended January 13, 1945, were 6,825,000 lbs.; previous week 6,083,000 lbs.; same week last year, 4,757,000 lbs.

Shipments of hides from Chicago for week ended January 13, 1945, were 4,850,000 lbs.; previous week, 3,921,000 lbs.; same week last year, 3,922,000.



Jan. 1 Storage Stocks

(Continued from page 42.)

for beef made necessary some reduction in storage stocks. January 1 holdings, at 108,324,000 lbs., compared with 114,-589,000 lbs. a month earlier and a fiveyear average of 134,646,000 lbs.

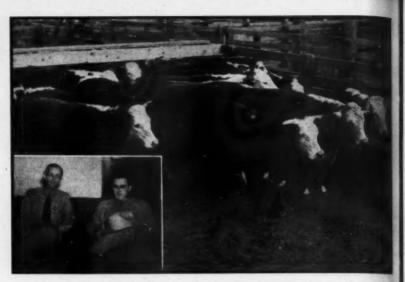
The table this month lists several new items. Sausage room products includes summer, bologna and all trade name sausage, cured frankfurters, loaves, and sometimes pickled and smoked tongues.

The canned meat and meat products total includes corned beef and pork, pork luncheon meat, beef and pork loaves, tushonka, chopped ham, potted meats, liver and other spreads and meat food in gravy. Occasionally other unclassified products are included in either of these two classifications.

Lamb and mutton holdings, at 20,-068,000 lbs., compared with 18,874,000 lbs. a month earlier and a five-year average of 17,170,000 lbs. Veal stocks were 8,006,000 lbs. against 7,537,000 lbs. on December 1. Storage stocks of offal at 37,730,000 lbs. were up slightly from a month earlier when 34,672,000 lbs. was held. Holdings a year ago, which included veal, and some of the items now included in sausage room products and canned meat and meat products, were 104,862,000 lbs.

Lard holdings on January 1 showed an increase for the first time in several months. Holdings were 100,442,000 lbs. against 90,536,000 lbs. a month earlier and a five-year average of 179,162,000 lbs. Only three January 1 figures since 1933 have been smaller.

1500 have been smalle		
COMPARATIVE STO	RAGE STO	CES
Jan. 1, '45, lbs.1	Dec. 1,	5-yr. avg. lbs.
Boof:3		
Frozen 98,090,000	103,149,000	118,915,000
In cure, cured and smoked. 10,234,000	11,440,000	15,731,000
Total beef108,324,000	114,589,000	134,646,000
Pork:		
Frosen134,935,000	106,534,000	216,686,000
Dry salt, in cure, cured. 76,003,000	60,130,000	90,447,000
Other, in cure, cured and smoked162,267,000	151 901 000	000 045 000
Total pork373,205,000		
Govt.	318,055,000	219,778,000
holdings ³ 55,429,000	59,524,000	*********
Sausage and sausage room products 15,720,000	14,296,000	
Lamb and mutton:2		
Frozen 20,068,000	18,874,000	17,170,000
Veal:2		
Frozen 8,006,000	7,537,000	
Canned meats and canned meat		
products 18,668,000	18,934,000	*******
All edible offal:3 37,730,000	34,672,000	104,862,000
Total meats* 4.581,721,000	526,957,000	776,456,000
Lard and rendered pork fat100,442,000	90 536 000	179,162,000
	50,500,000	110,100,000



TASTY BEEF ON THE HOOF AT CORNELIUS PLANT

Cornelius Packing Co., Los Angeles, which has processed approximately 1,000 steen during recent weeks from the Gill Feed Lots at Madera, Calif., submits this photograph of a typical pen of Gill-fed steers as evidence of their high quality. Policy of the Gil lots is to bring the steers up to Good grade and market them immediately, although some of them grade Choice. Inset (NP photo) shows S. Paul Cornelius, president of the packing concern, at left, with Harold L. Cornelius, plant manager.

CHICAGO PROVISION STOCKS

Mid-month lard holdings in Chicago showed about a 1,000,000-lb. loss during the first half of January with stocks dropping to 15,487,760 lbs., compared with 16,524,583 lbs. at the end of last month. Holdings a year earlier totaled 28,793,892 lbs.

D. S. belly holdings were also smaller on January 15. All D. S. bellies totaled 7,809,170 lbs. against 8,306,278 lbs. at the end of December and 10,870,212 lbs. a year ago.

	Jan. 15, '45, lbs.	Dec. 31, '44, lbs.	Jan. 15, '44, lbs.
P.S. lard (a)	2,231,864	2,153,582	13,077,300
P.S. lard (b)	87,696	479,600	
Other lard	13,168,200	13,891,401	15,716,592
Total lard	15,487,700	16,524,583	28,793,892
D.S. cl. bellies (contract)	192,000	228,800	1,827,100
D.S. cl. bellies (other)	7,617,170	8,077,478	9,043,112
Total D.S. cl. bellies	7,809,170	8,306,278	10,870,212
D.S. rib bellies		***	***
(a) Made since to Oct. 1, 1944.	0ct. 1,	1944. (b)	Made prior

Canada to Maintain Heavy Pork Exports

MONTREAL.—Canada, which supplies 62 per cent of the British bacon, and which shipped "record quantities" of pork products to Britain last year, is taking steps to maintain the volume and quality of such shipments.

The Agriculture Department has announced that the product of all Grade A hogs and a "considerable part" of Grade B1 hogs turned out by inspected abattoirs will be requisitioned by the Canadian Meat Board for export to Britain. However, the percentage of B1 hogs

earmarked for export will be varied from time to time to leave approximate ly normal supplies of pork for distribution in Canada.

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The department said that meat supplies produced in Australia and New Zealand will be drawn upon "very heavily" to supply forces of the United Nations in the Pacific area, and though supplies from the Argentine will still be substantial the reduced output of North America will mean an overall meat shortage for allied countries. Buduction in hog numbers in the U. & will be substantially greater than in Canada.

Canada shipped Britain "record quatities" of beef and pork products in 1944, with bacon purchased under the current agreement totaling 696,000,000 lbs., or approximately 5,800,000 hop, compared with shipments aggregating 675,000,000 lbs. under the previous contract.

PRODUCE IN COLD STORAGE

Cold storage holdings of butter, cheese and eggs on hand January 1, 1945:

Jan. 1, 1945 M lbs.	Jan. 1, 1944 M lbs.	Jan. 1, 5 yr. av. 1999-44 M Da.
Butter, creamery 60,529	154,577	75,390
Cheese, American133,493	150,709	125,136
Cheese, Swiss, incl. block	1,561	4,55
Cheese, brick & Munster 268	188	m
Cheese, all other	23,049	16,000
varieties 10,308 Eggs, shell cases, 416	675	-
Eggs, frozen1166,584	162,270	83,352
Eggs, dried107,134		4+1032
Eggs, case equi. sh. & fro. & dried 15,572	7,996	********
181% of the holdings of frozended as follows: white, 15%, mixed, 75%.	yolks,	104

CHICAGO HIDE QUOTATIONS

	PACKER	HIDES	
	Week ended Jan. 19, '45	Prev. week	Cor. week, 1944
Rey. nat. strs. Rey. Tex. strs.	@15% @14%	@151/4	@15½ @14½
Rry. butt brud'd strs Rry. Col. strs.	ALL THE	@141/6 @14	@141/2 @14
Ex-light Tex. strs. Bred'd cows Hvy. mat. cows	@15 @141/4	@15 @1414 @1514	@15 @141/4 @151/4
Nat. bulls	@12 @11	@15 1/2 @12 @11	@151/2 @12 @11
Callekins Kips, nat. Kips, brnd'd	@20 @1714 @1.10	23 1/4 @27 @20 @17 1/4 @1.10	23% @27 @20 @17% @1.10
Sinks, hris	. 6000	622	@55

CITY AND	OUTSIDE	SMALL PA	CKERS
Nat. all-wis	@15	@15	@15
Branded all-Wis.	@14	@14	@14
Nat. bulls	GE1175	@11%	@111/4
Brnd'd bulls	@10%	@10%	@10%
Calfakina2	018	201/2 @23	201/2 @23
Kips, nat	@1.10	61.10	61.10
clonks hels.	6255	@55	9155

All packer hides and all calf and kipskins quoted a trimmed, selected basis; small packer hides quoted flat, trimmed; all slunks quoted flat.

	COUNTRY	RIDES	
Hyr. steers	@15	@15	@15
Hyr cows	@15	@15	@15
Hvy cows	@15	@15	@15
Extremes	W19	@15	@15
Balls	@11%	@11%	@11%
Calfokins	16 @18	16 @18	16 @18
Finaldan	@16	@16	@16
Horsehides	6.50@8.00	6.50@8.00	6.50@8.00
		ins quoted on	
	SHEEPS	KINS	

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16,500 50,500 56,500

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Phr. shearigs...1.75@2.15 1.75@2.15 @1.60 Der pelts.....25 @26 24%@25% 27%@28

RAIL MOVEMENT SLOWED

West to east movement of meat and livestock has not been improved by railroad congestion and snow-blocked facilities in Ohio, New York state, upper Pennsylvania and Indiana and the situation may intensify the temporary shortages of meat in some eastern centers. While neither the ODT nor the Association of American Railroads issued any formal order this week, it is understood that carriers are temporarily placing cars for commercial loading only for war materials and fuel where the movement is through the congested area.

DROUGHT FATAL TO SHEEP

Drought in the southern and western areas of New South Wales, Australia, is reported to have been responsible for the death of 3½ million sheep last year.

WEEK'S CLOSING MARKETS

FRIDAY'S CLOSING

Provisions

Only routine trading in small lots was reported in the provision market. Most processors have hardly enough product for their own use for hog cutting is far under a year ago. A lard set-aside order was issued today. Details will be found elsewhere in this issue.

Cottonseed Oil

Jan. unq.; Mar. 14.20b; May 14.31b; July 14.00b@14.31ax; Sept. 14.00ax@ 14.31b; Oct. 13.60ax@14.00b; Dec. 13.50ax. Quiet, no sales.

CCC Purchases and Announcements

NOTICE.—The CCC has notified packers that in addition to the alternate coverings recently approved for use on hog sides, it is now permissible to use burlap of 7½ oz. weight or better, in tubular form. A quantity of burlap has been set aside for this purpose and can be used in lieu of the stockinette bags, osnaburg and cotton sheet tubing specified. When the burlap is used, however, it is mandatory that a sheet of crinkled paper first be placed over the hog side before the burlap tubing is applied.

LOIN SET-ASIDE INCREASED

The War Food Administration has issued Amendment 5 to WFO 75.3 to increase the percentage set-aside requirement for pork loins. Beginning January 21, packers operating under federal inspection will be required to set aside loins at the rate of 4.5 per cent of the live weight of each week's slaughter of hogs instead of the 3.5 per cent rate now in force.

WFA explained that the increase is

necessary to meet requirements of the armed forces, other war services and lend-lease.

Holmes Says Subsidies Should Be Paid Direct

Discussing the new cattle price directive which becomes effective January 29, John Holmes, president of Swift & Company, told the firm's shareholders at their annual meeting this week that "we have repeatedly protested against the practice of paying subsidies through us for the benefit of someone else."

Mr. Holmes declared that if the government finds it necessary to subsidize the cattle producer, the subsidy money should be paid direct to the producer.

The Swift president told shareholders that filling the government's huge order for meat leaves the remaining supply far short of satisfying civilian demand.

"In normal times, practically all meat produced is available for general civilian consumption," Mr. Holmes pointed out. "Few people realize that there is now taken away from civilian consumption for use by the government very large quantities of the beef, pork, lamb and veal processed by meat packers operating under federal inspection.

"For example, of our present total production government orders call for approximately 45 per cent of the beef, 50 per cent of the pork, and almost 40 per cent of our better grades of both lamb and veal."

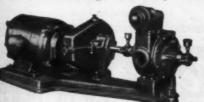
WFO 75.1 IS AMENDED

WFO 75.1 has been amended by adding a conversion factor of 2.28 for canned beef and gravy to the table set forth under "Beef" in paragraph (p) (2). Amendment 6 to WFO 75.1 became effective January 7.

Watch Classified page for bargains.

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re handling LARD, TALLOW, OILS and many other products
IN PACKING PLANTS FROM COAST TO COAST



These pumps are self-adjusting for wear, due to "Bucket-Design" (swinging vane) principle.

Put this ECONOMY TO WORK IN YOUR PLANT NOW.

POWER PUMPS
1 to 750 GPM
Pressures to 500 psi.

HAND PUMPS 1½ to 25 GPM Pressures to 125 psi.

Write for Bulletin No. 304—Facts about Rotary Pumps

BLACKMER PUMP COMPANY 1908 Century

1908 Century Avenue, Grand Rapids 9, Michigan

LIVESTOCK MARKETS Weekly Review

Weekly Meat Output Gains But Still Under Last Year

Total meat production in federally inspected plants for the week ended January 13, estimated by the War Meat Board at 379,000,000 lbs., showed a gain of 29 per cent over the 294,000,000 lbs. produced in the preceding holiday week, but was 16 per cent under the estimated 450,000,000-lb. output for the corresponding week a year earlier.

The Board's estimate of inspected cattle slaughter for last week was 304,-000 head compared with 231,000 for the preceding week and 283,000 for the corresponding week of 1944. The indicated dressed weight of this cattle slaughter was 140,000,000 lbs. against 106,000,-000 lbs. in the preceding week and 144,-000,000 lbs. a year earlier. The average dressed weight of cattle was about 50 lbs. heavier in early January, 1944 than at present.

The estimated slaughter of calves in inspected plants for the week ended January 13 amounted to 135,000 head. This compares with 103,000 for the preceding week and 114,000 for the corresponding week a year earlier. Last week's production of veal amounted to 14,000,000 lbs., 3,000,000 lbs. more than in the preceding week, and 2,000,000 lbs. more than in 1944.

Inspected sheep and lamb slaughter last week, according to the Board's estimate, was 475,000 head, or approximately 100,000 more than in the preceding week, but 25,000 less than in 1944. The indicated output of lamb and mutton for these weeks was 20,000,000 lbs., 16,000,000 lbs. and 21,000,000 lbs.

Inspected hog slaughter in the week ended January 13 increased to about the level prevailing during early December. The indicated slaughter for the week was 1,436,000 head, up 269,000 from the preceding week but 488,000 fewer than in the second week of January 13 increases 15 i

ary last year. Last week's production of pork (excluding lard) was estimated at 205,000,000 lbs. against 161,000,000 the preceding week and 273,000,000 lbs. a year ago.

WFA ANNOUNCES FINAL 1945 LIVESTOCK GOALS

Final 1945 spring pig crop goals recommended by the War Food Administration this week call for the farrowing of 9,429,000 sows compared with the 8,522,000 which farmers have indicated they intend to farrow this spring (fall pig crop report) and the 9,187,000 farrowing in 1944 and the 12,136,000 farrowing in 1943. WFA estimates that its goal would result in a spring crop to taling 57,000,000 pigs against the 55,925,000 saved in the spring of 1944.

WFA also suggested that cattle numbers be reduced to 76,721,000 head on December 31, 1945 compared with 79,800,000 head on the closing day of 1944. Beef cattle on farms should be reduced to 36,900,000 head by January 1, 1946 compared with 39,200,000 estimated to be on farms on January 1, 1945. WFA also recommended that cattle and calf slaughter for 1945 total 35,000,000 head compared with 33,900,000 in 1944.

Sheep and lamb numbers should be held about stationary, the food agency indicated, setting a goal of 49,987,000 head for sheep and lambs on farms on December 31, 1945 compared with 50,000,000 on farms on December 31, 1944.

ORDERS YARDS CLEAN UP

Orders for a general cleanup of "extremely insanitary" stockyards to remove sources of animal diseases and produce more food for war needs were announced by Elliott Robertson, Kentucky agriculture commissioner.

In letters to the department's in field agents, he declared that "in a grant violation of our rules and regations," there are "extremely insanian conditions existing in the stockyand throughout the state."

Lambs on Feed Jan. 1 Show a Slight Increase

The estimated number of sheep mallambs on feed for market on January 1, 1945, was about 1½ per cent larger than the number on feed a year earling, the Department of Agriculture report. The estimated number on feed January 1 this year was 6,630,000 head, coepared with the revised estimate of 6,537,000 head in 1944, the record number of 6,979,000 in 1943 and the lilyear (1932-41) average of 5,849,000.

For the 11 Corn Belt states the nuber on feed this year is estimated at 4,108,000 head, an increase of 141,000 head or about 4 per cent more than a year earlier. Compared with the recond number on January 1, 1943, the number this year is down about 220,000 head, but with the exception of that year is the largest on record. The large number in this area this year is a result of the very large number in Kansa, estimated at 900,000 head—mostly is wheat pastures. Of the other ten state, numbers are down in six, up in one and unchanged in three.

The estimated number on feed in states outside the Corn Belt is 2,522,000 head, compared with 2,570,000 head a year earlier, a decrease of about 2 per cent. For the 11 western states as a whole the number on feed this year is down about 100,000 head, or about 5 per cent.

Help Food Fight for Freedom.

KEEP ON BUYING K-M

Keep 'em fed ... keep 'em fighting!



FORT WAYNE, IND.
DAYTON, OHIO
LAFAYETTE, IND.
CINCINNATI, OHIO
INDIANAPOLIS, IND.
DETROIT, MICH.
LOUISVILLE, KY.
SIOUX CITY, IOWA
NASHVILLE, TENN.
MONTGOMERY, ALA.
OMAHA, NEB.

KENNETT-MURRAY

Order Buyer of Live Stock
L. H. McMURRAY

Indianapolis, Indiana



LIVESTOCK PRICES AT LEADING MARKETS

Livestock prices at five western markets, Thursday, January 18, 1945, reported by Office of Marketing Services, War Food Administration:

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Mont ry 20, 106 on hard hogs): Chicago Nat. Stk. Yds. Omaha Kans. City St. Paul

ABBOWS AND GILTS:

BARROW	2 4414					
Good and	Choice:					
120-140	1bs		\$12.70-13.85			
140-100	lbs	14.00-14.65	13.70-14.50	\$14,15-14.45	\$13.85-14.25	\$14.00-14.25
160-180	lbs		14.40-14.70	14.85-14.45		
180-200	lbs	14.75 only	14.70 only		14.50 only	14.45 only
200-220		14.75 only	14.70 only			14.45 only
220-240	1bs	14.75 only	14.70 only	14.45 only	14.50 only	14.45 only
240-270	lbs	14.75 only	14.70 only	14.45 only	14.50 only	14.45 only
270-300	lbs		14.70 only	14.45 only	14.50 only	14.45 only
200-330		14.75 only	14.25-14.70	14.45 only	14.50 only	14.45 only
990.960	Thu	14.75 only	14.15-14.50	14.45 only	14.50 only	14.45 only

160-220 lbs..... 13.50-14.50 13.50-14.50 14.00-14.45 13.85-14.40 14.00-14.25 sows:

Good and 276-300 200-330 230-360 360-400	Ibu Iba	14.00 only 14.00 only 14.00 only 14.00 only	13.95 only 13.95 only 13.95 only 13.95 only	13.70 only 15.70 only 13.70 only 13.70 only	13.75 only 13.75 only 13.75 only 13.75 only	13.70 only 13.70 only 13.70 only 13.70 only
Good: 400-450 450-550		14.00 only	13.95 only 13.95 only	13.70 only	13.75 only	13.70 only

256-550 Ba..... 12.75-13.75 13.25-13.85 13.50-13.70 13.50-13.75 13.25-13.50

STANSHTER CATTLE, VEALERS, AND CALVES:

STREETS. C	holce:					
990- 960 900-1100 1100-1300 1300-1500	lhs lhs lhs lhu		15.00-16.25 15.25-16.25 15.50-16.50 15.50-16.50	14.75-16.25 15.00-16.50 15.25-16.50 15.25-16.50	14.75-16.25 15.00-16.50 15.25-16.50 15.25-16.50	15.00-16.2 15.25-16.5 15.25-16.5 15.25-16.5
STREERS, C	Good :					
700- 900 900-1100 1100-1300 1300-1500	lbs lbs lbs	14.50-16.00	13.50-15.25 13.50-15.25 13.75-15.50 13.75-15.50	13.00-15.00 13.25-15.25 13.50-15.25 13.50-15.25	13.25-15.00 13.50-15.25 13.75-15.25 13.75-15.25	13.75-15.2 13.75-15.2 13.75-15.2 13.75-15.2
STEERS, 3	fedium:					
700-1100 1100-1300		11.00-14.50 11.75-14.50	11.50-13.50 11.50-13.75	10.25-13.25 11.25-13.25	11.00-13.75 11.25-13.75	10.75-13.7 10.75-13.7
STEERS, (ommon:					

700-1100 lbs.... 10.00-11.75 0.50-11.50 0.25-10.75 0.50-11.25 8.25-10.75 HEIFERS, Choice: 600- 800 lbs... 14.50-15.50 14.50-15.50 14.25-15.25 14.00-15.50 14.75-16.00 800-1000 lbs... 14.75-15.75 14.50-15.75 14.25-15.50 14.00-15.75 14.75-16.00 HEIFERS. Good: 000-800 lbs.... 13.50-14.50 13.00-14.50 12.00-14.25 12.50-14.00 13.00-14.75 800-1000 lbs.... 13.75-14.75 13.25-14.75 12.25-14.25 12.75-14.00 13.00-14.75 HEIFERS, Medium: 500-500 lbs.... 10.50-13.50 10.50-13.25 9.50-12.00 10.00-12.75 10.25-13.00 HEIFERS, Common:

500-900 lbs..., 8.50-10.50 8.50-10.50 7.75- 9.50 8.25-10.00 7.75-10.25 00W8, All Weights:
 Good
 ...
 13,75-15.00
 11,25-13.50

 Medium
 ...
 11,00-13.75
 9,50-11.25

 Cutter & com
 7,25-11.00
 7,00-9,50

 Camber
 6,50-7,25
 5,50-7,00
 BULLS, Yigs. Excl.), All Weights: Beef. good 13.00-14.25 12.50-13.25 Rusage good . . 12.50-13.50 11.00-12.75 Rusage med . . . 11.00-12.50 10.00-11.00 Runage, cut. &

...... 9.00-11.00 8.00-10.00 8.25-10.00
 Good & choice...
 14.50-15.50
 13.75-15.00

 Common & med...
 8.25-14.50
 10.50-13.75

 Call
 7.25-8.25
 6.00-10.50
 CALVES:

10.50-13.50 7.50-10.50 6.50- 7.50

12.00-14.00 8.00-12.00 6.00- 8.00

 Good & choice...
 11.75-13.00
 12.00-13.75

 Common & med...
 8.50-11.75
 8.00-12.00

 Call
 7.50-8.50
 6.00-8.00
 SLAUGHTER LAMBS AND SHEEP:

Good & choice	15.85-15.50	15.00-15.75	14.50-15.00	14.75-15.25	14.75-15.00
Medium & good	13.75-15.00	13.25-14.75	12.50-14.25	13.50-14.50	12.25-14.50
Cammon	11.50-13.00	10.00-12.75	10.50-12.00	11.50-13.25	10.00-12.00
MG. WETHERS:					
Good & choice	13.00-13.50	12.50-18.25	12.50-18.25	12.25-18.25	12.00-13.25
Medium & good	11.75-12.75	11.00-12.25	11.00-12.25	10.75-12.00	10.50-11.75
ERES:					
Good & choice	7.50- 8.00	6,25- 7.00	7.60- 7.65	7.25- 7.75	7.00- 7.75
Common & med	6.00- 7.50	4,50- 6.00	5.50- 7.00	5.50- 6.75	5.00- 6.75

Quotations on wooled stock based on animals of current seasonal market bits and wool growth.

Questions on slaughter lambs and yearlings of Good and Choice and of the mad Good grades, and on ewes of Good and Choice grades, as combined, resear lots averaging within the top half of the Good and the top half of the grades, respectively.

CANNED MEATS - "PANTRY PALS"



MEAT PRODUCTS OF THE HIGHEST QUALITY



NEW YORK CITY, N. Y.

FERRIS HICKORY SMOKED HAM and BACON

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"AMERICAN BEAUTY" HAMS AND BACON

Straight and Mixed Cars of Beef. Veal, Lamb and Provisions

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WHITE FOR CATALOGUE

PACKERS' **PURCHASES**

Purchases of livestock by packers at principal centers for the week ending Saturday, Jan. 13, 1945, as reported to THE NATIONAL PROVI-SIONER.

CHICAGO

Armour, 7,865 hogs; Swift, 3,975 hogs; Wilson, 5,173 hogs; Western, 2,520 hogs; Agar, 8,369 hogs; Shippers, 12,593 hogs; Others, 40,904

Total: 28,552 cattle; 4,317 calves; 81,404 hogs; 32,307 sheep.

KANSAS CITY

Cudahy	. 4,517 . 3,655 . 2,595 . 3,597	1,369 1,498 338	1,701 5,625	12,015 7,818 13,052 5,588
	. 2,257 .12,359	567	1,819	848
(Frank)	00 000	4.040	14 051	90 700

OWATEA

	Calves	Hogs	Sheep
Armour	8,014	11.174	12,107
Cudahy		6,278	10,527
Swift	5,298	10,249	12,820
Wilson	2,595	6,752	2,587
Independent		2,153	***
Others		15,396	***

Cattle and calves: Kroger, 1,217: Nebr. Beef, 600; Eagle, 29; Greater Omaha, 100; Hoffman, 100; Roth-schild, 367; Roth, 186; South Omaha, 1,090; Merchant's Packing, 38.

Total: 25,457 cattle and calves; 52,002 hogs and 88,041 sheep.

E. ST. LOUIS

	Cattle	Calves	Logs	Sheep
Armour	2,731	2,289	8,182	8,924
Swift	3,254	1,591	6,201	8,752
Hunter	2,256		7,262	882
Heil			2,683	
Krey			715	
Laclede			3,255	***
Sieloff			1,005	
Others	4,943	161	3,294	1,131
Shippers .	6,021	2,326	23,343	308
Total	19,205	6,367	55,940	9,997

ST. JOSEPH

Swift Armour Others	3,821 4,041	570 723 208	11,228 6,382
Total Not inclusheep boug	nding 5	,695 h	

SIOUX CITY

	Cattle	Calves	Hogs	Sheer
Cudahy	3,621	311	14,890	8,907
Armour	3,932	54	15,228	7,98
Swift	2,810	174	6,345	6,806
Others	458		12	
Shippers .	7,282		4,303	900
Total	18.053	539	40,773	24,000

WICHITA

	Carret	CMILLER	TTO WA	PARCE.
Cudahy		511	2,390	3,52
Guggenheir	m 785			
Dunn-				
Ostertag	195	999	- 66	
Dold	. 99		941	0.0
Sunflower.			251	9.0
Pioneer	. 44		- 222	2.0
Others	. 3,138		1,118	18
W-4-1	K 642	511	4 700	8 81
Total .	5,947	911	4,766	3,71

OKLAHOMA CITY

Armour Wilson Others	3,370 3,313 348		1,678	2,111
		1,990		
Not hogs as		998 c		

CINCINNATI

	Cuttie	CHIAGS	TIORS	oneep
Gall's				400
Kahn's	. 893		5,325	
Lorey			405	
Meyer	. 14		2,777	
Schlachter.	266	83		
Schroth	. 6		4,071	
Stegner		146		
Others	1,952	730	1,024	67
Shippers	. 99	485	2,174	496
Total .	8,582	1.444	15,776	963

Not including 2,011 cattle, 57 caives and 2,260 bogs bought direct.

FORT WORTH Cattle Calves He

Armonr Swift	2,163 1,980	2,398 2,500	3,405 3,573	5,861 10,861	
Bonnet City Rosenthal	510	155 219	157 815 171	***	
Total	5,220	5,288	7,621	20,68	
	DE	NVER			
Ammona		Calves		Blen	

Armour . 1,232 8wift . . 1,586 Cudahy . . 851 Others . . 2,748

70007	0.0	ojous		-0,010	44,100
		ST.	PAUL		
		Cattle	Calves	Hogs	10mm
Armour				20,139	Lan
udahy			1,668		4.965
		4,661		28,541	10,850
Others		7,500	1,940		- 172200

Total ..15,628 11,988 48,680 21,721

	 Week ended Jan. 13	Prev.	Oor. Week, 1944
Cattle	175,287	149,568	177,866
Hogs	364,909	327,494	618,586
Sheep	 226,023	183,997	217,68

CHICAGO LIVESTOCK

Supplies of livestock at the Ch-cago Union Stock Yards for carred and comparative periods.

RECEIPTS

Cattle	Calves	Hoga	Bhou
Jan. 12 2,274	559	18,443	6.06
Jan. 13 581	38	6,630	1.00
Jan. 1516,087	712	18,465	16,000
Jan. 16 9,901	1,055	18,932	3,386
Jan. 1714,000	800	28,000	9,586
Jan. 18 5,500	1,000	23,000	3,28
*Wk.			75
so far45,487		86,401	
Wk. ago. 50,242		114,088	

194444,061 3,602 187,280 87,42 194337,194 1,297 70,698 28,60 *Including 539 cattle, 20 cal 32,088 hogs and 8,646 sheep direct

SHIPMENTS

		Cattle	Calves	Hogs	Sharp
Jan.	12	1,998	6	4,008	2,100
		827	45	290	281
Jan.	15	4,592	162	3,157	3,396
Jan.	16	4,075	208	3,788	
Jan.	17	4,888	148	8,040	
Jan.	18	2,000	100	2,000	2,000
Wk.					330
		15,555	613	11,985	
		17,765		8,115	
		15,283	676	13,148	
1943		14,729	311	17,600	3,66

JAN. AND YEAR MOVEMENT

12,849 11,84
Any U.S. Angel
341,704 413,6
140,792 117,38
4

Cit

1945

CHICA	GO HOG PURCHASE	8
Supplies	of hogs purchased by	0
ended Thui	sday, Jan. 18:	
		100
		48

Packers' purch....52,357 Shippers' purch....16,543

PACIFIC COAST LIVESTOCK

Receipts for five days ended January 12:

			Calves		
L	os Ang	8,677	1,601	2,021	2.70
	an Fran.				

SLAUGHTER REPORTS

,621 20,00

,370 14.12

,680 21,78 CHASES

Cor. Week, 3344 68 177,866 94 618,866 67 217,886

TOCK

t the On-

logs Shop 10gs Sheu 6,443 Chu 6,639 Lin 8,465 14.07 8,932 Lin 6,000 S.m 3,000 S.m

Hoga She 4,083 2,18 290 50 3,157 8,38 3,788 78 8,040 8,32 2,000 2,50

VEMBNI

44,50 81,00 14,00

68,556 11,666

VESTOCK

five days

20, 196

CHASES ased by Chi-ippers wait Special reports to THE NATIONAL PROVISIONER show the number of instock slaughtered at 15 centers for the week ending Jan. 13, 1945.

	CATTLE	3	
	Week ended Jan. 18	Prev. week	Cor. week, 1944
Chicago† Kannas City Omaha* Rast St. Louis. St. Joseph Sieux City Wichita* Philadelphia	21,444 25,086 13,184 10,416 9,912 4,045 2,172	22,976 16,999 18,074 11,979 8,547 8,720 3,414 2,024 2,030	80,684 21,856 20,877 18,792 11,153 12,663 4,461 2,447 2,749
Initanapolis New York & Jersey City. Okla. City* Cincinnati Denver St. Paul. Milwaukee	11,851 10,019 4,805 7,344 14,063	9,096 10,251 7,647 5,476 10,950 3,132	10,429 5,246 10,099 7,264 17,287 3,508
field		141,315	174,515

0	HOGS		
Chicago	142,870	113,400	175,590
Kansas City	51,130	49,982	100,723
Omaha	68,715	59,525	99,378
Bast St. Louis1	80,728	77,142	124,685
St. Joseph	23,792	28,769	53,629
Sionx City	50,152	40,646	68,613
Wichita	3,648	4,631	12,891
Philadelphia	15,311	10,638	16,113
Indianapolis	28,791	19,014	28,551
New York &			
Jersey City.	57,294	37,942	66,802
Okla. City	16,714	13,279	24,309
Cincinnati	15,139	26,252	42,362
Denver	20,490	15,881	18,693
St. Paul	48,680	41,381	81,673
Elwaukee	7,247	6,083	16,057
Total	630,701	544,515	930,069

Includes National Stock Yards, E. St. Louis, Ill., and St. Louis, Mo.

	SHEEP		
Chicago!	32,307	24,662	28,960
Kansas City	37,721	33,158	29,771
Omaha	41,130	29,674	47,045
Bust St. Louis.	9,689	7,422	13,176
St. Joseph	20,462	15,002	18,352
Sloux City	23,753	16,821	31,344
Wichita	3,528	2,321	1,764
Philadelphia	2,400	2,963	2,646
Indianapolis	3,406	1,968	2,375
New York &			
Jersey City.		47,955	66,302
Ohla. City	4,260	3,335	460
Cincinnati	594	1,262	996
Denver	13,014	8,990	13,564
St. Paul	21,721	18,978	32,376
Milwaukee	1,800	2,241	2,567
Total	969,568	217.872	291.698

NEW YORK LIVESTOCK

tNot including directs.

Livestock prices at Jersey City, Jan. 15, 1945:

Cows,	com.		med	 	11.506	13.50
Cows.					9.006	11.50
Cows,	can.	å	cut.	 0 0	7.006	
Bulls,	com.	æ	med		10.006	13.00
CALVES						

Vealers Vealers	gd. &	ch k med	\$20,00@	21.00
Chives,	med. å	gd med	13.00@	17.00
HOG8:				

Sews.	ch., 10	0-240	lb	*****	. \$15.00
LAMBS:					
Lamba, Lamba,	gd. a	ch.		15.50 10.25	@16.00 @10.50

Receipts of salable livestock at Jersey City and 41st st., New York market for

week ended Jan. 17, 1945: Cattle Calves Hogs* Sheep Salable1,738 1,984 611 304 Directs incl.9,881 11,361 24,833 63,376

Salable1,289 Directs	749	481	306
isel5,884	4,095	19,029	33,049
*Including bogs	at 31s	t stree	t.

RECEIPTS AT CHIEF CENTERS

Receipts at leading markets for the week ended January 13, were reported to be

	ED:	Cattle *	Hogs	Sheep
Jan.	18	.299,000	586,000	336,000
Jan.	6	.243,000	555,000	270,000
1944		.281,000	875,000	319,000
1943		.247,000	651,000	327,000
1942		.245,000	684,000	288,000
		KETS,		Hogs
WEE	K ENI	DED:		Hogs
WEE	K ENI	DED:		.525,000
WEE Janua Janua	K ENI	DED:		.525,000
WEE Janua Janua 1944	K ENI ry 13 ry 6	DED:		.525,000 .469,000 .735,000
WEE Janua Janua	K ENI ry 13 ry 6	DED:		.525,000 .469,000 .735,000 .545,000

CORN BELT DIRECT TRADING

.212,000 .179,000 .207,000

(Reported by Office of Marketing Service, War Food Administration.)

Des Moines, Ia., January 18.—At the 19 concentration yards and 11 packing plants in Iowa and Minnesota, hog prices were 10 to 20c higher.

Hogs, goo	d to	. 0	h	ol	e	e	*		
160-180	1b								.\$12.50@14.30
									. 14.00@14.45
240-330	lb								. 14.00@14.48
330-360	lb					0	0	0	. 14.00@14.43
Sews:									
270-360	1b						_		.\$18.40@13.70
400-550	1b								. 13.20@13.70
_				_		_			

Receipts of hogs at Corn Belt markets for the week ended January 18.

		Same day last wk.
Jan.	1256,000	43,300
Jan.	1344,600	56,300
	1544,600	65,400
	1634,500	38,300
Jan.	1755,500	49,200
Jan.	1850,800	60,600

FROZEN POULTRY STOCKS

Stocks of frozen poultry on hand January 1, 1945, compared with stocks on the same date in 1944:

	Jan. 1,1 1945 M lbs.	Jan. 1, 1944 M lbs.	5 yr. av. 1944-40 M lbs.
Broilers	7.443	11,954	14,188
Fryers	15,440	16,353	20,657
Roasters	32,689	39,479	42,025
Fowls	88,376	45,717	68,729
Turkeys	72,392	47,032	36,635
Ducks		5,301	2,396
Miscellaneous	8 21,630	21,508	26,602
Unclassified.	25,902	14,857	14,929
	-	-	_

poultry..268,214 201,701 226,161 ¹Figures shown are subject to re-vision. Revised figures will appear in next month's report.

Watch the Classified Advertisements page for good

TOP QUALITY!



HERE'S AN EXCELLENT ADDITION TO YOUR LINE

WE can't deliver all the Hornel Dairy Brand Salami we'd like to ... because Uncle Sam comes first. But limited quantities are available to build customer satisfaction with its distinctive taste appeal ... delicious, even textured, properly amoked and spiced. Display it and you'll inspire those extra impulse buys that swell the day's volume ... and profits. Full information if you write:

HORMEL GOOD FOODS

GEO. A. HORMEL & CO. AUSTIN. MINNESOTA

Superior Packing Co.

Price

Quality

Service

Chicago



St. Paul

DRESSED BEEF **BONELESS BEEF and VEAL**

Carlots

Barrel Lots

HUNTER PACKING COMPANY

EAST ST. LOUIS, ILLINOIS

BEEF . VEAL . PORK . LAMB HUNTERIZED SMOKED AND CANNED HAM

William G. Joyce Boston, Mass.

F. C. Rogers Co. Philodelphia, Pa.



A. L. Thomas Washington, D. C.

Local and Western Shippers Pittsburgh, Pa.

MEAT SUPPLIES AT EASTERN MARKETS

(Reported by the Office of Marketing Service, WFA.)

WESTERN DRESSED MEATS

	WESTERN DRESSED MEAT	В		
	Ne	w York	Phila.	Beaton
STEERS, carcass	Week ending January 13, 1945. Week previous Same week year ago	4,693 8,675 4,216	1,285 1,085 1,422	473 371 749
COWS, carcass	Week ending January 13, 1945. Week previous	2,596 2,056 2,208	. 1,085 2,308 1,890	1,386 1,392 1,457
BULLS, carcass	Week ending January 13, 1945. Week previous Same week year ago	142 339 460	32 31 46	159 205 52
VEAL, carcaes	Week ending January 13, 1945. Week previous Same week year ago	5,932 6,809 6,997	775 291 883	198 374 1,004
LAMB, carcass	Week ending January 13, 1945. Week previous Same week year ago	25,726 20,243 29,628	7,188 6,045 10,840	11,738 10,664 12,805
MUTTON, carcass	Week ending January 13, 1945. Week previous	7,940 5,675 1,250	1,370 1,737 107	2,763 3,142 527
PORK CUTS, lbs.	Week ending January 13, 1945.1 Week previous	982,390	465,411 570,059 407,842	99,331 51,411 256,234
BEEF CUTS, Ibs.	Week ending January 13, 1045. Week previous Same week year ago	239,505 97,121 185,805	****	****
	LOCAL SLAUGHTERS			
CATTLE, head	Week sending January 13, 1945. Week previous	11,844 9,146 10,476	2,172 2,024 2,447	****
CALVES, head	Week ending January 13, 1945. Week previous	7,749 5,046 9,559	1,150 2,013 2,109	
HOGS, bead	Week ending January 13, 1945. Week previous	57;194 88,017 69,269	15,311 10,638 16,113	****
SHEEP, head	Week ending January 13, 1945. Week previous	53,352 47,426 70,198	2,400 2,963 2,646	****

Country dressed product at New York totaled 4,718 veal, 198 hogs and 140 lambs. Previous week 4,655 veal, 59 hogs and 108 lambs in addition to that shown above.

WEEKLY INSPECTED KILL

There was a sharp increase in inspected slaughter of classes of livestock at 32 centers for the week ended Jane 13 compared with a week earlier. Cattle and calf slaughter was also greater than a year earlier, but lamb and hor ha were lighter. Processing of hogs was about 25 per cent under a vear ago.

NORTH ATLANTIC	Cattle	Calves	Hogs	Blan
New York, Newark, Jersey City Baltimore, Philadelphia		7,722 830	57,294 32,741	13,715 3,735
NORTH CENTRAL	19 949	3.204	63.282	735
Cincinnati, Cleveland, Indianapolis. Chicago, Elburn St. Paul-Wisconsin Group ¹ . St. Louis Area ² . Sioux City Omaba Kansas City Iowa & So. Minn. ⁸ .	33,637 24,390 15,551 9,912 23,252 21,444	8,939 32,245 9,788 1,039 1,834 4,756	142,870 148,825 80,728 50,152 68,715 51,130 253,512	是智信的报鉴者
SOUTHEAST4	6,626		40,341	-
SOUTH CENTRAL WESTS	26,347	12,305	65,149	49.20
ROCKY MOUNTAINS	6,272	1,006	14,284	25.00
PACIFIC [†]	18,591	2,750	24,563	84,777
Total Total prev. week Total last year	179,453 $221,181$	77,496 78,519	1,093,586 892,206 1,477,214	413,385 230,20 443,50
Uncludes St Paul S St Paul and Not	ernort.	Minn Me	rdison Mil	Senant wilder

Includes St. Paul, S. St. Paul and Newport, Minn., Madison, Milwa Green Bay, Wis. Includes St. Louis Ntl. Stock Yards, E. St. Louis, Ms. Louis, Mo. Includes Cedar Rapids, Des Moines, Fort Dodge, Massa Marabalitown, Ottumwa, Storm Lake, Waterloo, Iowa, and Albert Lea, Minn. Includes Birmingham, Dotham, Montgomery, Ala., Taliahassee, and Albany, Atlanta, Columbus, Moultrie, Thomasville, Taliahassee, and Albany, Atlanta, Columbus, Moultrie, Thomasville, Taliahassee, and Salbany, Atlanta, Columbus, Moultrie, Thomasville, Taliahassee, and Salbany, Atlanta, Columbus, Moultrie, Thomasville, Taliahassee, and Salbany, Atlanta, Charley, Calif.

SOUTHEASTERN RECEIPTS

Receipts of livestock, as reported by the War Food Admisistration, at eight southern packing plants located at Albany Columbus, Moultrie, Thomasville, and Tifton, Ga.; Dotha Ala.; Jacksonville and Tallahassee, Fla.:

																								U	a	t t	No.		- U	UB	IV	69		139	-	ü
	ende																													1,				28		i
	week																														81			25	æ	į
Last	year	0 0	0	0 1	0 0		0 0	0	0 1	 0	0 1	0 0	0	0	0 1	 0	0	0.0	. 0	0	0 0		0	. 4	2,	81	.8				71	.5		33,		N

Fockinghouse Equipment built by ST. JOHN . TABLES . TRUCKS . TROLLEYS . GAMBRELS . HAND TOOLS . SPECIALT



For Details and Prices

Available from Stock*

Round Nose

• 36' PLAIN BEARING WOOD WHEELS • 20' ROLLER BEARING STEEL WHEELS • 20" PLAIN BEARING STEEL WHEELS

St. John Truck No. 68 is especially designed for use where material is to be dumped. The body is 12-gauge steel, reinforced at every point of strain. Hot dipped galvanized after fabrication. Available on your M. R. O. priority. *(Requires time for assembly and galvanizing)

Write for Descriptive Literature and Price

JAMES COMPANY

316 S. LA SALLE ST

KI

NEW YORK MEAT PACKING CO., INC.

646 Bergen Ave., Westchester Market, Bronx, 55, N.Y.

WE BUY ON EXEMPTIONS

STEERS - COMMERCIALS - UTILITIES **CANNERS - CUTTERS BEEF & BEEF CUTS**

ALSO PIGS AND PORK CUTS

U. S. GOVERNMENT INSPECTED PLANT NO. 176

Attention MEAT PACKERS . SAUSAGE MAKES POULTRY EVISCERATORS • RENDERERS .

A NEW OPPORTUNITY exists in the dog food business...ns pasteurized meat loaf type dog food already a proved success... keeps a year or more at ordinary cooler temperatures... no freeing required... exclusive process... formulas, plant installations, seles and advertising assistance, continuous consultation services supplied... flat fee and royalty basis.

RICHARD A. SIMMONDS

489 FIFTH AVENUE **NEW YORK** (17)

125 MAIDEN LANE SAN FRANCISCO (8)

CLASSIFIED ADVERTISEMENTS

Undisplayed; act solid. Mininsom 20 words 33.00, additional words 15c auch. "Pusition wantad," special rate: nalabous 20 words \$2.00, additional words 10c auch. Count address or less number as four words. Headling 75c extre. Listing advertivements 75c per lise. Displayed; \$7.50 per iceb. 10% discount for 2 or some inservious.

CLASSIFIED ADVERTISING PAYABLE IN ADVANCE. PLEASE REMIT WITH ORDER

Position Wanted

January laughter hog kill nt under

94 m,tm 41 1,7m

284 21,56 568 34,77 586 413,78 206 330,29 214 442,10

149 40.20

Milwauke, uin, Ill., and Mason Chy, Lea, Austin, hassee, Fa. a. Uncluder orth, Tura. Los Angele.

od Adminat Albany

.; Dothan,

E MAKER

no freezing ations, sales ces supplied

uist MIDEN LANG

RANCISCO (8)

ary 20, 188

25 . .

SAUSAGE MAKER with 30 years' experience in the manufacturing of sausage, desires connection with B.A.I. or clean non-inspected plant in Calliorata or Oregon. W-10, THE NATIONAL PRO-TISIONEE, 407 S. Dearborn St., Chicago 5, III

SALESMAN HAVING wide acceptance in New York metropolitan area, seeks connection representing packer with full line of meat products. Receilent release. Compensation open. W-11, THE NATIONAL PROVISIONER, 200 Madison Are., New York 17, N.Y.

PACKING HOUSE EXECUTIVE: Sales and production, 25 years' experience in all phases of the most industry. Prefer Pacific coast. W-12. THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

MAINTENANCE SUPERVISION of packing house requirements, covering better than 18 years, on equipment used in slaughtering, processing, poul-ir; foods, fertilizers, miscellaneous detail, W-13, THE NATIONAL PROVISIONER, 300 Madison Ave., New York 17, N. Y.

PRODUCTION MANAGER: Wishes to make conaction with reliable sausage manufacturing compaux. 20 years' experience in all phases of pracical operations, sales control and cost analysis. New employed, married and draft exempt. W-14, TER NATIONAL PROVISIONER, 407 S. Dearborn Rt. Chicago 5, Ill.

KILLING FOREMAN: Beef or hog. Capable of acting as superintendent. Practical. A-1 references. W-15. THE NATIONAL PROVISIONER, 407 S. Daarbern St., Chicago 5, III.

Help Wanted

SAUSAGE MAKER WANTED

Lagithy experience necessary. Must have good references of character and stability. New, medium sized plant located in Indiana, working conditions ideal. Willing to pay \$100,00 per week to person who can prove knowledge, experience and capability. This is an opportunity for a permanent position with even greater possibilities for one who takes pride in his product and the ame it bears. Our employees are aware of this ad and all replies will be held in strict confidence. W-16, THE NATIONAL PROVISIONER, 407 8. Darborn St., Chicago 5, Ill.

PACKINGHOUSE REFRIGERATING ENGINEER: Good salary, plant in New York Area. Give full details in first letter. W-944, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5,

Help Wanted

WANTED: Hog casing foreman. Large packer. Give full details in first letter. W-921, THE NA-TIONAL PROVISIONER, 467 S. Dearborn St., Chicago 5, Ill.

WANTED: Killing and cutting foreman who is thoroughly experienced on both cattle and hogs. Medium sixed plant in central east. State age, experience and full particulars. W-927, THE NA-TIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

University of the control of the con

Pork cutters and beef boners wanted. Modern plant, excellent working conditions. Permanent. Write E. C. Maio, Del Monte Meat Co., 363 S.E. Oak St., Portland, Oregon.

WANTED: Superintendent to take charge of beef and hog kill floor and cutting and rendering operations in small plant. Give full particulars as to age and past experience. Home Packing Co., 227 B. Summit St., Ann Arbor, Michigan.

WANTED: Superintendent by company operating medium sized packing house and lee plant. Must be thoroughly experienced in all packing house operations, including slaughtering, processing, sausage manufacturing and rendering. Must have the mechanical knowledge to supervise refrigeration, mechanical and maintenance work. W-928, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, 111.

WANTED: Experienced slaughterhouse butchers. Excellent pay. Good working conditions in new plant just built. Post-war position. Marvelons opportunity for advancement. Write Walton Packing Company, 216 Walton Street, Syracuse, N. Y.

WANTED: Beef butchers and pork butchers. To wares and steady work now and after the war. Modern plant in northeastern Ohio. W-2, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

WANTED in modern large meat packing plant, one architectural engineer, one mechanical engineer for general designing, and one mechanical engineer to be assistant power plant engineer. Three years' minimum experience. W-3. THE NATIONAL PROVISIONER, 407 8. Dearborn St., Chicago 5, III.

Equip. Wanted & For Sale

WANTED: Berrigan wet tankage press. Reply in detail giving size, age, condition and price. W-17, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, Ill.

FOR SALE: 1 Buffalo stuffer, 200 pounds. A-1 condition. Slotkowski Sausage Co., 2021 W. 18th St., Chicago S, Ill.

Equipment for Sale

MEAT PACKERS—ATTENTION!

FOR SALE: 1—Vertical cooker or dryer, 10° dia, x 4°10° high; 2—4x8 and 4x0 Lard Rolls; 75 large wood tanks; rendering tanks; tankage dryers. 2—#41 Meat grinders; 1—#27 Buffalo Silent Cutter; 1—Creasy #152-Y Ice Breaker. Inspectour stock at 335 Doremus Ave., Newark, N. J. Send us your inquiries. WHAT HAVE YOU FOR SALE? Consolidated Products Co., Inc., 14-19 Park Bow, New York City 7, N. Y.

Hobart grinder, with ¼ h.p. motor, including all accessories, in good condition. FS-7, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, III.

Plant Wanted

WANTED: Plant suitable for manufacturing sausage. Chicago area. Equipped with coolers. Rent or buy. Give space and price. W-938, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, III.

WANTED: Rendering plant preferably in middle west. Give details, condition, volume, equipment, etc. Will purchase. A-1 references. W-4, THE NATIONAL PROVISIONER, 407 S. Dearborn St., Chicago 5, III.

GOVERNMENT INSPECTED meat canning plant with large freezer, railroad track siding, Chicago area, fully equipped to handle No. 1 cans up. 100,000 square feet. Kay's Kitchen, 119 W. Hubbard St., Chicago 10, Ill.

WANTED: B.A.I. plant, either to lease or buy, with capacity of about 200 cattle weekly. Within 1,000 miles range of New York city. W-18, THE NATIONAL PROVISIONER, 300 Madison Ave., New York 17, N. Y.

Plant for Sale

MARKET BUILDING 30 x 70 for wholesale and retail sales, with adjoining assuage factory building 24 x 175, located in the heart of a large city in Texas. Factory fully equipped to manufacture sausage, ham, bacon, etc. with 3 coolers, one 10 x 15, the other two 15 x 25 each, ammonia refrigeration. Ice machine. About 10 blocks from this plant is our slaughterhouse, with city inspection. This property is suitable for two partners. Will sell slaughterhouse and all equipment and lease the buildings. F8-19, THE NATIONAL PROVISIONER, 407 8, Dearborn St., Chicago 5, Ill.

Buy Another War Bond

Wilmington Provision Company CATTLE - HOGS - LAMBS - CALVES

TOWER BRAND MEATS

U. S. GOVERNMENT INSPECTION WILMINGTON, DELAWARE

Bartridge =

PORK PRODUCTS - SINCE 1876
The H. H. MEYER PACKING CO.
Cincinnati, Ohio

Invest in VICTORY and AMERICA BUY ANOTHER WAR BOND

* * * AND KEEP IT!

* * *

The National Provisioner-January 20, 1945

Meat and Gravy

WHAT PRICE NUTRITION RESEARCH? The Lockerbie (Scotland) District Council, reports Food Manufacture (British), recently received this letter from a Mr. G. Wilson:

"I write to ask if you would give permission to engrave on the back of the stone Wilson in Dryfesdale cemetery the following particulars:

"Farm fare: porridge and milk (skim) a.m. and p.m.; eggs at Easter. No oranges, tomatoes and vitamins, etc.

"The object of this record is to show that folk can live to a good old age without having food rich in vitamins. Ages: One over 90, four over 80, two over 70, two over 80 still living."



Here's a good example of speedy wartime cooperation: Early this week, an eastern manufacturer informed E. H. Oppenheimer, vice president, Oppenheimer Casing Co., New York, of his immediate need for a supply of surgical sutures to be used in connection with aircraft rescue equipment. A quick telephone call to the West Coast brought "Bill" Burger, vice president of the Star Tennis Gut division of Oppenheimer into the picture, and the surgical gut was rushed east by plane, the whole procedure of filling and delivering the urgent order requiring less than 24 hours.



The seller may be in the saddle now, but William Notis, Philadelphia, a provisions and meat dealer in the Reading terminal market, isn't taking any chances. He has posted the following notice at his place of business: "To our employes—1941, the customer was always right; 1942—44, the customer was often left; 1945, unless you make the customer right, we won't have a customer left."



Out of the Past . . .

[Based on information from the files of THE NATIONAL PROVISIONER]

"Horse trading" some 40 years ago was not the hard-hearted transaction we of a later generation have been led to believe. At least, not in all instances. To substantiate this statement, let us turn back to THE NATIONAL PROVISIONER of July 1, 1905, which related the following incident: "Half a dozen local butchers with a talent for 'hoss trades' met with sore disappointment Tuesday. The auction sale of six superannuated fire department horses had been advertised, and meat men flocked to the place of sale expecting to get some splendid bargains. The animals, though pronounced unfit for fire duty, were excellent specimens, and would have looked well pulling a delivery wagon. The bidding was lively, but in each instance the bidders were topped by a quiet appearing man who seemed bound to get every one of the animals. He turned out to be Nicholas Brady, son of Anthony N. Brady, the street railway man and politician. Mr. Brady is wealthy, also soft-hearted, and did not want the equine fire heros to have to work in their old age. So he bought them and will send them to one of his farms to live in clover-fed idleness for the rest of their days. The butchers will have to look for less distinguished delivery horses."

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